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United States Department of Agriculture

Agricultural Research Service

Plant Inventory No. 193

Plant Material Introduced January 1 to December 31, 1985 (Nos. 494128 to 500148)

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Plant Inventory No. 193 is a historical record of accessioned plant germplasm; it is not a listing of plant material for distribution. Questions about data organization and proper plant identification in this inventory should be directed to the authors.

The assignment of PI 500,000 to Purplestraw wheat represents a milestone for the plant introduction program that began in 1898.

Thanks are expressed to the following persons associated with the Plant Introduction Office for their contributions to Plant Inventory No. 193: L. G. Garner and R. A. Norris for continued excellence in handling all aspects of the computer system operation; and S. Kenworthy for coordinating PI and associated records and correspondence. Assistance by J. Mowder, Database Management Unit, with software and hardware problems is appreciated. Services performed by the University of Maryland were provided through a cooperative agreement.

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Issued April 1985

494128. Cucurbita sororia L. H. Bailey (Cucurbitaceae).

From Mexico. Collected by Buhrow, R.; Starr, G.; Nabhan, G.; and Smith, G.; University of Arizona; Tucson, Arizona.
Received July 1984.

M27. Mexico. Latitude: 20 deg 26 m N; Longitude: 105 deg 17 m W. Collected August 13, 1983. Roadside, 14.4km S of Misamaloya Beach bridge towards El Tuito, Jalisco. 335m. Plants sprawling, indeterminate. Fruits pear-shaped with fluted, non-inflated or non-corky peduncle, no warts, dark green base color fading to pale green, greenish white flecking in stripes, 10 around. Peduncles with hispid-bristly hairs. Received as Cucurbita cf. palmeri. Wild. Seed.

494129. Macroptilium atropurpureum (DC.) Urb. (Fabaceae) Siratro.

From Mexico. Collected by Buhrow, R.; Starr, G.; Nabhan, G.; and Smith, G.; University of Arizona; Tucson, Arizona.
Received July 1984.

M14. Mexico. Collected August 07, 1983. Hillside, 15.7km NW of Cerritos, road to Hwy 57, San Luis Potosi. Plants variable, more than 100 in population. Racemes indeterminate. Wild. Seed.

494130. Macroptilium gibbosifolium (Ort.) A. Delgado Salinas (Fabaceae).

From Mexico. Collected by Buhrow, R.; Starr, G.; Nabhan, G.; and Smith, G.; University of Arizona; Tucson, Arizona.
Received July 1984.

M18. Mexico. Collected August 08, 1984. Road to Tlaltenago, 12.8km W of Jalpa, Zacatecas/Jalisco border. Wild. Seed.

494131 TO 494132. Phaseolus anisotrichus Schlechter (Fabaceae).

From Mexico. Collected by Buhrow, R.; Starr, G.; Nabhan, G.; and Smith, G.; University of Arizona; Tucson, Arizona.
Received July 1984.

494131. M16. Mexico. Collected August 07, 1983. Mountainside, 21.1km NW of Cerritos on road to Hwy 57, San Luis Potosi. Plants indeterminate sprawler, 100-1000 in population. Leaf width somewhat variable. Flowers pink-magenta. Perennial Herb. Wild. Seed.

494132. M44. Mexico. Collected August 18, 1983. Mountainside, E

494131 TO 494132-continued

of San Bernardo, Sonora-Chihuahua border. Flowers self-pollinated. Rhizobium sample. Perennial Herb. Wild. Seed.

494133. Phaseolus coccineus subsp. formosus (Kunth) Marechal, Mascherpa & Stain. (Fabaceae).

From Mexico. Collected by Buhrow, R.; Starr, G.; Nabhan, G.; and Smith, G.; University of Arizona; Tucson, Arizona. Received July 1984.

M6. Mexico. Collected August 03, 1983. Steep mountainside seeps, 95.4km E of Villa Union, Durango. 2100m. Plants indeterminate climber, 50 or more in population. Flowers numerous. Perennial Herb. Wild. Seed.

494134. Phaseolus coccineus subsp. obvallatus (Schlecht.) Marechal, Mascherpa & Stain. (Fabaceae).

From Mexico. Collected by Buhrow, R.; Starr, G.; Nabhan, G.; and Smith, G.; University of Arizona; Tucson, Arizona. Received July 1984.

M12. Mexico. Latitude: 22 deg 05 m N; Longitude: 100 deg 39 m W. Collected August 05, 1983. Sierra Alvarez, Hwy 70, 33.8km E of San Luis Potosi, San Luis Potosi. 2380m. Plants numerous, indeterminate climber, in flower. Wild. Seed.

494135. Phaseolus floribundus Piper (Fabaceae).

From Mexico. Collected by Buhrow, R.; Starr, G.; Nabhan, G.; and Smith, G.; University of Arizona; Tucson, Arizona. Received July 1984.

M13. Mexico. Latitude: 22 deg 05 m N; Longitude: 100 deg 39 m W. Collected August 05, 1983. Sierra Alvarez, Hwy 70, 33.7km E of San Luis Potosi, San Luis Potosi. 2380m. Plants common, indeterminate climber, collected for increase. Flowers scarlet, cross-pollinated. Perennial Herb. Wild. Seed.

494136. Phaseolus jaliscanus Piper (Fabaceae).

From Mexico. Collected by Buhrow, R.; Starr, G.; Nabhan, G.; and Smith, G.; University of Arizona; Tucson, Arizona. Received July 1984.

M21. Mexico. Latitude: 20 deg 46 m N; Longitude: 103 deg 52 m W. Collected August 11, 1983. Steep roadside slope,

494136-continued

Tequila, 8.5km from Hwy, Jalisco. 1950-2450m. Large population but no flowers or fruits. Plants collected for increase. Seedlings hypogeal. Perennial Herb. Wild. Seed.

494137 TO 494138. Phaseolus ovatifolius Piper (Fabaceae).

From Mexico. Collected by Buhrow, R.; Starr, G.; Nabhan, G.; and Smith, G.; University of Arizona; Tucson, Arizona.
Received July 1984.

494137. M25. Mexico. Latitude: 21 deg 12 m N; Longitude: 104 deg 46 m W. Collected August 12, 1983. Roadbank, 16km S of Compostela, Jalisco. 1200m. Small population. No flowers but residual pods from previous year. Old roots to 1.0m long, 8-10cm wide at crown. Received as Phaseolus aff. jaliscanus. Perennial Herb. Wild. Seed.

494138. M28. Mexico. Latitude: 20 deg 21 m N; Longitude: 105 deg 12 m W. Collected August 12, 1983. Riverside in canyon, 6.4-12.8km E of Tuito, road to Mina Zimapan, Jalisco. 100m. Plants indeterminate climber, dead with few pods. Epigeal type. Received as Phaseolus falciformis. Annual. Wild. Seed.

494139. Phaseolus ritensis M. E. Jones (Fabaceae).

From Mexico. Collected by Buhrow, R.; Starr, G.; Nabhan, G.; and Smith, G.; University of Arizona; Tucson, Arizona.
Received July 1984.

M43. Mexico. Collected August 19, 1983. Overgrazed area, 15.4km E of Imuris, Sonora. 1454m. Plants indeterminate sprawler, few. Wild. Seed.

494140. Phaseolus aff. ritensis Piper (Fabaceae).

From Mexico. Collected by Buhrow, R.; Starr, G.; Nabhan, G.; and Smith, G.; University of Arizona; Tucson, Arizona.
Received July 1984.

M36. Mexico. Latitude: 25 deg 21 m N; Longitude: 107 deg 27 m W. Collected August 17, 1983. Mountainside,summit of Sierra Torrecitos,Santiago de los Caballeros,Sinaloa. 1340m. Plants few, one sampled, one with flowers. Received as Phaseolus cf. ovatifolius. Wild. Seed.

494141. Phaseolus salicifolius Piper (Fabaceae).

From Mexico. Collected by Buhrow, R.; Starr, G.; Nabhan, G.; and

494141-continued
Smith, G.; University of Arizona; Tucson, Arizona.
Received July 1984.

M2. Mexico. Collected August 02, 1983. Grazed mountainside area, 80km E of Villa Union, Sinaloa. 2000m. Only one plant sampled. Wild. Seed.

494142. Phaseolus sempervirens Piper (Fabaceae).

From Mexico. Collected by Buhrow, R.; Starr, G.; Nabhan, G.; and Smith, G.; University of Arizona; Tucson, Arizona.
Received July 1984.

M4. Mexico. Collected August 03, 1983. East, 96km of Villa Union, Durango. Plants collected for increase, indeterminate sprawler, common under pines and oaks on south-facing slopes. Flowers cross-pollinated. Perennial Herb. Wild. Seed.

494143. Phaseolus venosus Piper (Fabaceae).

From Mexico. Collected by Buhrow, R.; Starr, G.; Nabhan, G.; and Smith, G.; University of Arizona; Tucson, Arizona.
Received July 1984.

M19. Mexico. Latitude: 21 deg 45 m N; Longitude: 103 deg 10 m W. Collected August 09, 1983. Mountainside, 23.5km W of Jalpa, Zacatecas. Flowers cross-pollinated. Bracts contain nectaries. Perennial Herb. Wild. Seed.

494144. Hordeum vulgare L. (Poaceae) Barley.

From United States. Donated by Kolding, M.F.; Colombia Basin Agricultural Research Center, Oregon State University; Pendleton, Oregon.
Received March 1984.

OR73343. Micah. United States. Mn 66-85/Calaya. Also called Oregon M-3. Six row, semi-dwarf, stiff-strawed, rough-awned, lax, feed type. Seedlings tolerate freeze. Maturity late. Ideal for intensive irrigation. Good to excellent post ripening straw strength. Spring Annual. Cultivar. Seed.

494145 TO 494164. Nicotiana tabacum L. (Solanaceae) Tobacco.

From Turkey. Donated by Aegean Regional Agricultural Research Institute; Menemen-Izmir.
Received November 1984.

494145. Adiyaman. Local type. Cultivated. Seed.

494146. Bafra. Local type. Cultivated. Seed.

494147. Balikesir. Local type. Cultivated. Seed.

494148. Basma. Local type. Cultivated. Seed.

494149. Bitlis. Local type. Cultivated. Seed.

494150. Bursa. Local type. Cultivated. Seed.

494151. Celikhan. Local type. Cultivated. Seed.

494152. Duzce. Local type. Cultivated. Seed.

494153. Edirne. Local type. Cultivated. Seed.

494154. Ege-64. Local type. Cultivated. Seed.

494155. Iskenderun. Local type. Cultivated. Seed.

494156. Izmir-Incekara. Local type. Cultivated. Seed.

494157. Izmir-Ozbas. Local type. Cultivated. Seed.

494158. Karabaglar. Local type. Cultivated. Seed.

494159. Mutki. Local type. Cultivated. Seed.

494160. Samsun-Canik. Local type. Cultivated. Seed.

494161. Samsun-Maden. Local type. Cultivated. Seed.

494162. Semdinli. Local type. Cultivated. Seed.

494163. Tasoua. Local type. Cultivated. Seed.

494164. Trabzon. Local type. Cultivated. Seed.

494165 TO 494180. Hordeum vulgare L. (Poaceae) Barley.

From Australia. Donated by Australian Wheat Collection; Tamworth, New South Wales.
Received July 1984.

494165. CPI 77155. Iran. Latitude: 33 deg 30 m N; Longitude: 046 deg 30 m E. Ilam/Mehran 1. Composite. Cultivated. Seed.

494166. CPI 77156. Iran. Latitude: 33 deg 15 m N; Longitude: 046 deg 20 m E. Ilam/Mehran 2. Composite. Cultivated. Seed.

494165 TO 494180-continued

494167. CPI 77157. Iran. Latitude: 33 deg 40 m N; Longitude: 046 deg 20 m E. Mehran. Composite. Cultivated. Seed.

494168. CPI 77158. Iran. Latitude: 33 deg 40 m N; Longitude: 046 deg 20 m E. Ilam. Composite. Cultivated. Seed.

494169. CPI 77159. Iran. Latitude: 33 deg 50 m N; Longitude: 046 deg 20 m E. Sarab. Composite. Cultivated. Seed.

494170. CPI 77160. Iran. Latitude: 34 deg 10 m N; Longitude: 046 deg 40 m E. Iavan. Composite. Cultivated. Seed.

494171. CPI 77161. Iran. Latitude: 33 deg 40 m N; Longitude: 047 deg E. Seymareh 1. Composite. Cultivated. Seed.

494172. CPI 77162. Iran. Latitude: 33 deg 20 m N; Longitude: 047 deg 20 m E. Seymareh 2. Composite. Cultivated. Seed.

494173. CPI 77163. Iran. Latitude: 33 deg 10 m N; Longitude: 047 deg 40 m E. Babazeyd. Composite. Cultivated. Seed.

494174. CPI 77164. Iran. Latitude: 33 deg N; Longitude: 047 deg 40 m E. Poledokhtar. Composite. Cultivated. Seed.

494175. CPI 77165. Iran. Latitude: 32 deg 30 m N; Longitude: 048 deg 30 m E. Andimesk. Composite. Cultivated. Seed.

494176. CPI 77166. Iran. Latitude: 33 deg 30 m N; Longitude: 048 deg 40 m E. Khorram Abad. Composite. Cultivated. Seed.

494177. CPI 77167. Iran. Latitude: 36 deg 30 m N; Longitude: 051 deg 15 m E. Chalus. Composite. Cultivated. Seed.

494178. CPI 77168. Iran. Latitude: 37 deg 15 m N; Longitude: 055 deg 10 m E. Gonbad & Qabus. Composite. Cultivated. Seed.

494179. CPI 77169. Iran. Latitude: 36 deg 45 m N; Longitude: 054 deg 20 m E. Gorgan. Composite. Cultivated. Seed.

494180. CPI 77170. Iran. Latitude: 29 deg 40 m N; Longitude: 052 deg E. Shiraz. Composite. Cultivated. Seed.

494181 TO 494182. Glycine max (L.) Merr. (Fabaceae) Soybean.

From Japan. Donated by Jennings, C.; Pioneer Hybrid International; Cedar Falls, Iowa, USA.
Received January 1985.

494181. Jitsuka. Japan. Cultivar. Seed.

494182. Suzuhime. Japan. Cultivar. Seed.

494183. Triticum aestivum L. (Poaceae) Common wheat.

From United States. Donated by Bruehl, G.W.; Department of Plant Pathology, Washington State University; Pullman, Washington.
Received January 1985.

FR-50. United States. VPM-1/McCall. Hard red type. Quality good. Hardiness adequate for Washington. Resistant genes B+1 and 4 to Tilletia caries, and resistant to strawbreaker foot rot (Pseudocercosporella herpotrichoides). Winter Annual. Breeding Material. Seed.

494184 TO 494185. Hibiscus cannabinus L. (Malvaceae) Kenaf.

From China, Peoples Repub of. Donated by Peikun, H.; Institute of Bast Fibre Crops, Academy of Agricultural Sciences; Yuan Jiang, Hunan.
Received January 1985.

494184. 34. China, Peoples Repub of. Early maturity. Cultivar. Seed.

494185. Xiang Hong No. 1. China, Peoples Repub of. Cultivar. Seed.

494186. Triticum aestivum L. (Poaceae) Common wheat.

From Pakistan. Donated by Hobbs, P.R.; CIMMYT; Islamabad.
Received September 1984.

Broadbill. Mexico. Mexico D.F. CIMMYT. Clement-Mochis 73/Torim 73. Developed by Rajaram, CIMMYT, Mexico D.F. Plants double dwarf type. Spring Annual. Cultivar. Seed.

494187. Gossypium hirsutum L. (Malvaceae) Upland cotton.

From China, Peoples Repub of. Donated by Yuan, Cong-Yi; Jiangsu Academy of Agricultural Sciences; Nanjing.
Received January 1985.

Jiangsu No. 9101. China, Peoples Repub of. Resistant to wilt. Cultivar. Seed.

494188 TO 494325. Eragrostis tef (Zucc.) Trotter (Poaceae) Teff.

From Ethiopia. Collected by Leese, B.M; Peters, L.V.; and Rachie, K.O.; Agr. Res. Center, USDA-ARS; Sorghum Res. Div., EAAFRO; and Dept. of Agron., Univ. of Nebraska; Beltsville, MD; Soroti, Uganda; and Lincoln, NE. Received

494188 TO 494325-continued
through Expedition sponsored by USDA-Rockefeller Foundation. Code numbers refer to collector designations-Leese(B), Peters(P), and Rachie(R).
Received October 1968.

494188. 9-B. Ethiopia. Collected October 16, 1967. Market, Addis Ababa. Seeds deep red. Received as E. abyssinica. Cultivated. Seed.

494189. 10-B. Ethiopia. Collected October 16, 1967. Market, Addis Ababa. Seeds light red. Received as E. abyssinica. Cultivated. Seed.

494190. 11-B. Ethiopia. Collected October 16, 1967. Market, Addis Ababa. Seeds rather large, mixture of light brown and red. Received as E. abyssinica. Cultivated. Seed.

494191. 12-B. Ethiopia. Collected October 16, 1967. Market, Addis Ababa. Seeds light tan and red. Received as E. abyssinica. Cultivated. Seed.

494192. 13-B. Ethiopia. Collected October 16, 1967. Market, Addis Ababa. Seeds very light tan. Received as E. abyssinica. Cultivated. Seed.

494193. 44-B. Ethiopia. Collected October 21, 1967. Market, Dire Dawa. Seeds dark red. Received as E. abyssinica. Cultivated. Seed.

494194. 45-B. Ethiopia. Collected October 21, 1967. Market, Dire Dawa. Seeds red and white. Received as E. abyssinica. Cultivated. Seed.

494195. 55-B. Ethiopia. Collected October 21, 1967. Market, Dire Dawa. Seeds white, high quality. Cultivated. Seed.

494196. 61-B. Ethiopia. Collected October 21, 1967. Market, Harer. Seeds mixed colors. Cultivated. Seed.

494197. 65-B. Ethiopia. Collected October 21, 1967. Market, Harer. Seeds dark brown. Cultivated. Seed.

494198. 66-B. Ethiopia. Collected October 21, 1967. Market, Harer. Seeds white, good quality. Cultivated. Seed.

494199. 67-B. Ethiopia. Collected October 21, 1967. Market, Harer. Seeds brown. Cultivated. Seed.

494200. 199-B. Ethiopia. Collected October 29, 1967. S 35km from Kembolcha. Panicles spreading. Seeds white. Cultivated. Seed.

494201. 201-B. Ethiopia. Collected October 29, 1967. S 15km from

494188 TO 494325-continued
Kembolcha. 1700m. Panicles spreading. Seeds white. Cultivated. Seed.

494202. 210-B. Ethiopia. Collected October 29, 1967. Near Bati (Wollo). 1600m. Panicles spreading. Glumes and seeds white. Cultivated. Seed.

494203. 214-B. Ethiopia. Collected October 29, 1967. Bati. 1600m. Panicles compact. Seeds white. Cultivated. Seed.

494204. 218-B. Ethiopia. Collected October 29, 1967. Near Bati. 1600m. Panicles spreading. Seeds red. Cultivated. Seed.

494205. 220-B. Ethiopia. Collected October 29, 1967. Bati (Between Bati and Kembolcha). 1800m. Frequently rotated with sorghum, sometimes with garbanzo. Seeds brown. Cultivated. Seed.

494206. 221-B. Ethiopia. Collected October 29, 1967. Between Bati and Kembolecha. 1800m. Seeds white. Cultivated. Seed.

494207. 229-B. Ethiopia. Collected October 30, 1967. Twenty km N of Dessie. 2100m. Seeds white. Cultivated. Seed.

494208. 247-B. Ethiopia. Collected October 30, 1967. Ten km N of Wachale. 1700m. Panicles compact. Seeds white. Cultivated. Seed.

494209. 270-B. Ethiopia. Collected November 01, 1967. Market, Asmara. Seeds brown and white. Cultivated. Seed.

494210. 271-B. Ethiopia. Collected November 01, 1967. Market, Asmara. Seeds creamy white and brown. Cultivated. Seed.

494211. 272-B. Ethiopia. Collected November 01, 1967. Market, Asmara. Seeds mostly pearly white, some brown. Cultivated. Seed.

494212. 273-B. Ethiopia. Collected November 01, 1967. Market, Asmara. Seeds brown. Cultivated. Seed.

494213. 313-B. Ethiopia. Collected November 06, 1967. S 55km of Asmara. 2000m. Cultivated. Seed.

494214. 318-B. Ethiopia. Collected November 06, 1967. S 104km of Asmara. 1600m. Plants short. Panicles spreading. Seeds brown. Cultivated. Seed.

494215. 333-B. Ethiopia. Collected November 06, 1967. S 154km of Asmara. 2100m. Composite sample. Cultivated. Seed.

494216. 338-B. Ethiopia. Collected November 06, 1967. S 176km of Asmara. 2150m. Cultivated. Seed.

494217. 339-B. Ethiopia. Collected November 06, 1967. S 176km of Asmara. 2150m. Cultivated. Seed.

494218. 345-B. Ethiopia. Collected November 06, 1967. Market, Axum. Cultivated. Seed.

494219. 346-B. Ethiopia. Collected November 06, 1967. Market, Axum. Seeds white and brown. Cultivated. Seed.

494220. 347-B. Ethiopia. Collected November 06, 1967. Market, Axum. Seeds brown and white. Cultivated. Seed.

494221. 348-B. Ethiopia. Collected November 06, 1967. Market, Axum. Seeds brown and red. Cultivated. Seed.

494222. 349-B. Ethiopia. Collected November 06, 1967. Market, Axum. Cultivated. Seed.

494223. 350-B. Ethiopia. Collected November 06, 1967. Market, Axum. Seeds brown. Cultivated. Seed.

494224. 353-B. Ethiopia. Collected November 06, 1967. Market, Axum. Seeds brown and white. Cultivated. Seed.

494225. 356-B. Ethiopia. Collected November 06, 1967. Market, Axum. Seed color mixed. Cultivated. Seed.

494226. 358-B. Ethiopia. Collected November 16, 1967. Maki market. Seeds brown and white. Cultivated. Seed.

494227. 364-B. Ethiopia. Collected November 16, 1967. Two km S of Neghela, 163km S of Modjo. 1950m. Seeds white. Cultivated. Seed.

494228. 398-B. Ethiopia. Collected November 18, 1967. W 51km of Shashamane. 1900m. Seeds brown. Cultivated. Seed.

494229. 401-B. Ethiopia. Collected November 18, 1967. Near Kolita, 61km W of Shashamane. 1800m. Seeds white. Cultivated. Seed.

494230. 405-B. Ethiopia. Collected November 18, 1967. W 70km of Shashamane. Seeds light brown. Cultivated. Seed.

494231. 428-B. Ethiopia. Collected November 18, 1967. Market, Shashamane. Harvested near Melleda Ewada. Seeds mixed white and brown. Cultivated. Seed.

494232. 429-B. Ethiopia. Collected November 18, 1967. Market, Shashamana. Harvested near Melleda Eweda. Seeds mixed white and brown. Cultivated. Seed.

494233. 623-B. Ethiopia. Collected November 28, 1967. South of Ducan. Seeds white. Cultivated. Seed.

494234. 638-B. Ethiopia. Collected November 29, 1967. N 16km of Butajira. 1900m. Seeds mostly white. Cultivated. Seed.

494235. 647-B. Ethiopia. Collected November 29, 1967. N 80km of Butajira. Seeds mostly brown. Cultivated. Seed.

494236. 648-B. Ethiopia. Collected November 29, 1967. N 80km of Butajira. Seeds brown. Cultivated. Seed.

494237. 664-B. Ethiopia. Collected December 05, 1967. Limu Road, Kaffa Province. 1900m. Seeds white. Cultivated. Seed.

494238. 671-B. Ethiopia. Collected December 05, 1967. Bonga Road near Shabe, 50km S of Jimma. Plants very tall. Seeds white. Cultivated. Seed.

494239. 674-B. Ethiopia. Collected December 05, 1967. Shabe market, Bonga Road, 50km S of Jimma. Seeds brown and white. Cultivated. Seed.

494240. 690-B. Ethiopia. Collected December 05, 1967. Tiro Afeta, Kaffa Province. Collected by Bekele H. Mariam, Agr. Agent. Seeds mixed dark brown and white. Cultivated. Seed.

494241. 691-B. Ethiopia. Collected December 05, 1967. Botor, Kaffa Province. Collected by Asefa Desta, Agr. Agent, Kumbi. Seeds brown and white. Cultivated. Seed.

494242. 692-B. Ethiopia. Collected December 05, 1967. GSO, Assendabo, Kaffa Province. Collected by Bekele H. Mariam, Agr. Agent. Seeds white and brown. Cultivated. Seed.

494243. 694-B. Ethiopia. Collected December 05, 1967. Kumbi, Kaffa Province. Collected by Asefa Desta, Agr. Agent, Kumbi. Seeds brown and white. Cultivated. Seed.

494244. 695-B. Ethiopia. Collected December 06, 1967. Goga Area near Illubabor/Kaffa border, W of Agaro, 7km off road to Bekele. Maturity very early. Seeds brown. Local name Buneneg. Cultivated. Seed.

494245. 698-B. Ethiopia. Collected December 06, 1967. Goga Area near Illubabor/Kaffa border, W of Agaro, 7km off road to Bekele. 1600m. Seeds brown and white. Cultivated. Seed.

494246. 790-B. Ethiopia. Collected December 10, 1967. Market, Diga. Seeds brown. Cultivated. Seed.

494247. P-44. Ethiopia. Collected October 30, 1967. N 25km of

Weldia. 1600m. Seeds red. Cultivated. Seed.

494248. P-48. Ethiopia. Collected October 30, 1967. N 35km of Weldia. 1650m. Seeds white. Cultivated. Seed.

494249. P-52. Ethiopia. Collected October 30, 1967. Market, Kobbo, Welo Province. Seeds brown and white. Cultivated. Seed.

494250. P-53. Ethiopia. Collected October 30, 1967. Market, Kobbo, Welo Province. Seeds brown. Cultivated. Seed.

494251. P-63. Ethiopia. Collected October 30, 1967. N 15km of Lake Ashangi, Welo Province. 2500m. Seeds red. Cultivated. Seed.

494252. P-67. Ethiopia. Collected October 31, 1967. N 25km of Sinkata, Tigre Province. 2500m. Seeds brown and white. Cultivated. Seed.

494253. P-75. Ethiopia. Collected October 31, 1967. N 25km of Aguiro Aguila. 2100m. Seeds red and brown. Cultivated. Seed.

494254. P-77. Ethiopia. Collected October 31, 1967. Five km N of Adigrat. 2500m. Seeds white, red, and brown. Cultivated. Seed.

494255. P-93. Ethiopia. Collected October 31, 1967. Five km E of Makalle, Tigre Province. 2200m. Cultivated. Seed.

494256. P-95. Ethiopia. Collected October 31, 1967. Ten km N of Aldrigat, Tigre Province. Seeds mixed colors. Cultivated. Seed.

494257. P-97. Ethiopia. Collected November 03, 1967. W 21km of Asmara, Eritrea Province. Cultivated. Seed.

494258. P-113. Ethiopia. Collected November 03, 1967. W 30km of Asmara. Cultivated. Seed.

494259. P-116. Ethiopia. Collected November 03, 1967. W 40km of Asmara. Cultivated. Seed.

494260. P-420. Ethiopia. Collected December 02, 1967. Heavy clay soil area, Jidda, Ghinner. 1950m. Collected by A. Davenport, Sudan Interior Mission. Seeds brown. Cultivated. Seed.

494261. P-421. Ethiopia. Collected December 02, 1967. Red soil area, Balay, Web River Valley. 1650-1800m. Collected by A. Davenport, Sudan Interior Mission. Seeds mixed colors brown and white. Cultivated. Seed.

494262. P-422. Ethiopia. Collected December 02, 1967. Red soil area, Illaney, Shinnir. 1950m. Collected by A. Davenport, Sudan Interior Mission. Seeds mixed colors brown and white. Cultivated. Seed.

494263. P-476. Ethiopia. Collected December 05, 1967. Red soil area, Bolosso. 1350m. Collected by R. J. McLellan, Sudan Interior Mission. Seeds mixed colors white and brown. Cultivated. Seed.

494264. P-479. Ethiopia. Collected December 05, 1967. Red soil area, Bolosso. 1350m. Collected by R. J. McLellan, Sudan Interior Mission. Seeds mixed colors white and brown. Cultivated. Seed.

494265. P-480. Ethiopia. Collected December 05, 1967. Red soil area, Bolosso. 1350m. Collected by R. J. McLellan, Sudan Interior Mission. Seeds mixed colors white and brown. Cultivated. Seed.

494266. P-481. Ethiopia. Collected December 05, 1967. Red soil area, Bolosso. 1350m. Collected by R. J. McLellan, Sudan Interior Mission. Seeds white, few brown. Cultivated. Seed.

494267. P-486. Ethiopia. Collected December 13, 1967. Red and black cotton soil, Woliso. 2160m. Collected by M. Coleman, Sudan Interior Mission. Seeds white and brown. Cultivated. Seed.

494268. P-488. Ethiopia. Collected December 13, 1967. Red and black cotton soil, Woliso. 2160m. Collected by M. Coleman, Sudan Interior Mission. Seeds dark brown. Galla tribe prefers dark teff. Cultivated. Seed.

494269. P-489. Ethiopia. Collected December 13, 1967. Red and black cotton soil, Woliso. 2160m. Collected by M. Coleman, Sudan Interior Mission. Seeds dark brown. Galla tribe prefers dark teff. Cultivated. Seed.

494270. P-490. Ethiopia. Collected December 13, 1967. Red and black cotton soil, Woliso. 2160m. Collected by M. Coleman, Sudan Interior Mission. Seeds mixed white and brown. Cultivated. Seed.

494271. P-491. Ethiopia. Collected December 13, 1967. Red soil area, Woliso. 2160m. Collected by M. Coleman, Sudan Interior Mission. Seeds dark brown. Galla tribe prefers dark teff. Cultivated. Seed.

494272. P-492. Ethiopia. Collected November 14, 1967. Heavy clay soil, Adoba. 2400m. Collected by O.R. Aamodt, Sudan

Interior Mission. Seeds dark brown. Used for enjera. Cultivated. Seed.

494273. P-495. Ethiopia. Collected November 13, 1967. Heavy clay soil, Adoba. 2400m. Collected by O.R. Aamodt, Sudan Interior Mission. Best type for this area. Seeds dark brown. Used for enjera. Cultivated. Seed.

494274. P-501. Ethiopia. Collected April 01, 1968. Jimma airport. Panicles long, slender, cylindrical. Mostly immature. Wild. Seed.

494275. P-511. Ethiopia. Collected April 02, 1968. Market, Nekempt. Seeds white. Cultivated. Seed.

494276. P-512. Ethiopia. Collected April 02, 1968. Market, Nekempt. Seeds white. Cultivated. Seed.

494277. P-513. Ethiopia. Collected April 02, 1968. Market, Nekempt. Seeds white. Cultivated. Seed.

494278. P-514. Ethiopia. Collected April 02, 1968. Market, Nekempt. Seeds brown. Cultivated. Seed.

494279. P-515. Ethiopia. Collected April 02, 1968. Market, Nekempt. Seeds brown. Cultivated. Seed.

494280. P-594. Ethiopia. Collected April 05, 1968. Market, Lalibela. 2400m. Seeds brown and white. Cultivated. Seed.

494281. P-595. Ethiopia. Collected April 05, 1968. Market, Lalibela. 2400m. Seeds brown and white. Cultivated. Seed.

494282. P-596. Ethiopia. Collected April 05, 1968. Market, Lalibela. 2400m. Seeds white, few brown. Cultivated. Seed.

494283. P-597. Ethiopia. Collected April 05, 1968. Market, Lalibela. 2400m. Seeds brown and white, some triticum mixed. Cultivated. Seed.

494284. P-598. Ethiopia. Collected April 05, 1968. Market, Lalibela. 2400m. Seeds brown and white. Cultivated. Seed.

494285. P-630. Ethiopia. Collected April 06, 1968. Market, Axum. Seeds brown. Cultivated. Seed.

494286. P-631. Ethiopia. Collected April 06, 1968. Market, Axum. Seeds mixed white and brown. Cultivated. Seed.

494287. P-649. Ethiopia. Collected April 08, 1968. Market, Asmara. Seeds white and brown. Cultivated. Seed.

494288. R-4. Ethiopia. Collected April 14, 1967. Market, Yavello.

1500-1800m. Seeds brown. Cultivated. Seed.

494289. R-5. Ethiopia. Collected October 14, 1967. Market, Yavello. 1500-1800m. Seeds brown. Cultivated. Seed.

494290. R-17. Ethiopia. Collected October 25, 1967. Bako. 1290m. Seeds white, few red. Cultivated. Seed.

494291. R-64. Ethiopia. Collected October 28, 1967. Seeds brown and white. Cultivated. Seed.

494292. R-65. Ethiopia. Collected October 28, 1967. Market, Debre Berhan. Cultivated. Seed.

494293. R-103. Ethiopia. Collected November 02, 1967. Tessenei-SIA. Cultivated. Seed.

494294. R-133. Ethiopia. Collected November 02, 1967. Tessenei-SIA. Glumes light purple. Cultivated. Seed.

494295. R-217. Ethiopia. Collected November 07, 1967. W of Axum, 8km S of Adueiga. 2000m. Seeds brown. Cultivated. Seed.

494296. R-221. Ethiopia. Collected November 07, 1967. S 23km of Axum. 2200m. Seeds brown. Cultivated. Seed.

494297. R-223. Ethiopia. Collected November 07, 1967. S 36km of Axum. 2000m. Seeds brown and white. Cultivated. Seed.

494298. R-236. Ethiopia. Collected November 07, 1967. S 140km of Axum. 1400m. Seeds brown. Cultivated. Seed.

494299. R-254. Ethiopia. Collected November 07, 1967. S 305km of Axum. 2700m. Seeds dark brown. Cultivated. Seed.

494300. R-255. Ethiopia. Collected November 07, 1967. S 310km of Axum. 2700m. Seeds dark brown. Cultivated. Seed.

494301. R-256. Ethiopia. Collected November 08, 1967. Market, Chuahe, between Gorgora and Azezo. Seeds light brown, bright. Cultivated. Seed.

494302. R-258. Ethiopia. Collected November 08, 1967. Market, Chuahe. Seeds light brown. Cultivated. Seed.

494303. R-259. Ethiopia. Collected November 08, 1967. Market, Chuahe. Seeds brown and white. Cultivated. Seed.

494304. R-264. Ethiopia. Collected November 08, 1967. N 10km of Gorgora. 1860m. Cultivated. Seed.

494305. R-267. Ethiopia. Collected November 08, 1967. N 11km of Gorgora. 1860m. Cultivated. Seed.

494306. R-268. Ethiopia. Collected November 08, 1967. N 12km of Gorgora. 1860m. Cultivated. Seed.

494307. R-278. Ethiopia. Collected November 08, 1967. Market, Addis Zemmen. Seeds brown. Cultivated. Seed.

494308. R-279. Ethiopia. Collected November 08, 1967. Market, Addis Zemmen. Seeds white and brown. Cultivated. Seed.

494309. R-282. Ethiopia. Collected November 08, 1967. Market, Addis Zemmen. Seeds white and light brown. Cultivated. Seed.

494310. R-283. Ethiopia. Collected November 08, 1967. Market, Addis Zemmen. Seeds brown. Cultivated. Seed.

494311. R-286. Ethiopia. Collected November 08, 1967. S 146km of Gondar. 2100m. Plants light purple. Cultivated. Seed.

494312. R-287. Ethiopia. Collected November 08, 1967. S 146km of Gondar. 2100m. Plants rust susceptible. Cultivated. Seed.

494313. R-288. Ethiopia. Collected November 08, 1967. S 150km of Gondar. 2100m. Plants purplish tinged. Cultivated. Seed.

494314. R-292. Ethiopia. Collected November 09, 1967. S 143km of Bahar Dar. 2600m. Glumes purple. Cultivated. Seed.

494315. R-295. Ethiopia. Collected November 09, 1967. S 153km of Bahar Dar. 2100m. Glumes light purple. Cultivated. Seed.

494316. R-296. Ethiopia. Collected November 09, 1967. S 160km of Bahar Dar. 2000m. Glumes light purple. Cultivated. Seed.

494317. R-300. Ethiopia. Collected November 09, 1967. S 193km of Bahar Dar. 1950m. Plants lodging. Glumes chocolate colored. Cultivated. Seed.

494318. R-303. Ethiopia. Collected November 09, 1967. S 205km of Bahar Dar. Glumes chocolate colored. Cultivated. Seed.

494319. R-306. Ethiopia. Collected November 09, 1967. S 6km of Debre Marcos. Cultivated. Seed.

494320. R-325. Ethiopia. Collected November 10, 1967. Below (14km) Dejen. 1500m. Cultivated. Seed.

494321. R-329. Ethiopia. Collected November 10, 1967. S 33km of Dejen. 2100m. Cultivated. Seed.

494322. R-334. Ethiopia. Collected November 10, 1967. Near Debre Libanos. Plants purplish tinged. Cultivated. Seed.

494188 TO 494325-continued

494323. R-335. Ethiopia. Collected November 10, 1967. Debre Libanos, 122km S of Dejen. 2700m. Cultivated. Seed.

494324. R-342. Ethiopia. Collected November 10, 1967. Market, Chancho. Seeds brown. Cultivated. Seed.

494325. F-343. Ethiopia. Collected November 10, 1967. Market, Chancho. Seeds white and brown. Cultivated. Seed.

494326 TO 494495. Eragrostis tef (Zucc.) Trotter (Poaceae) Teff.

From Ethiopia. Donated by Leese, B.M.; New Crops Research Branch, USDA-ARS; Beltsville, MD. Received through M. Mengesha, Debre Zeit Agricultural Experiment Station, Ethiopia. Received October 1968.

494326. 431-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-1. Seeds purple. Seed.

494327. 432-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-2. Seeds white. Seed.

494328. 433-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-3. Seeds brown. Seed.

494329. 434-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-4. Seeds purple. Seed.

494330. 435-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-5. Seeds purple. Seed.

494331. 436-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-6. Seeds white. Seed.

494332. 437-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-7. Seeds purple. Seed.

494333. 438-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-8. Seeds purple. Seed.

494334. 439-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-9. Seeds white. Seed.

494335. 440-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-10. Seeds white. Seed.

494336. 441-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-11. Seeds purple. Seed.

494337. 442-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-12. Seeds purple. Seed.

494338. 443-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-13. Seeds purple. Seed.

494339. 444-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-14. Seeds purple. Seed.

494340. 445-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-15. Seeds purple. Seed.

494341. 446-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-16. Seeds white. Seed.

494342. 447-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-17. Seeds purple. Seed.

494343. 448-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-18. Seeds white. Seed.

494344. 449-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-19. Seeds white. Seed.

494345. 450-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-20. Seeds brown. Seed.

494346. 451-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-21. Seeds purple. Seed.

494347. 452-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-22. Seeds purple. Seed.

494348. 453-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-23. Seeds white. Seed.

494349. 454-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-24. Seeds brown. Seed.

494350. 455-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-25. Seeds white. Seed.

494351. 456-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-26. Seeds purple. Seed.

494352. 457-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-27. High yield group. Seeds white. Seed.

494353. 458-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-28. High yield group. Seeds white. Seed.

494354. 459-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-29. High yield group. Seeds white. Seed.

494355. 460-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-30.

High yield group. Seeds white. Seed.

494356. 461-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-31. High yield group. Seeds brown. Seed.

494357. 462-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-32. High yield group. Seeds purple. Seed.

494358. 463-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-33. Low yield group. Seeds white. Seed.

494359. 464-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-34. Low yield group. Seeds white. Seed.

494360. 465-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-35. Low yield group. Seeds white. Seed.

494361. 466-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-36. Low yield group. Seeds white. Seed.

494362. 467-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-37. Low yield group. Seeds purple. Seed.

494363. 468-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-38. Low yield group. Seeds white. Seed.

494364. 469-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-39. Seeds purple. Seed.

494365. 470-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-40. Seeds brown. Seed.

494366. 471-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-41. Seeds white. Seed.

494367. 472-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-42. Seeds white. Seed.

494368. 473-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-43. Seeds white. Seed.

494369. 474-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-44. Seeds purple. Seed.

494370. 475-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-45. Seeds brown. Seed.

494371. 476-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-46. Seeds white. Seed.

494372. 477-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-47. Seeds white. Seed.

494373. 478-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-48. Seeds white. Seed.

494374. 479-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-49. Seeds white. Seed.

494375. 480-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-50. Seeds white. Seed.

494376. 481-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-51. Seeds purple. Seed.

494377. 482-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-52. Seeds white. Seed.

494378. 483-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-53. Seeds white. Seed.

494379. 484-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-54. Seeds white. Seed.

494380. 485-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-55. Seeds white. Seed.

494381. 486-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-56. Seeds white. Seed.

494382. 487-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-57. Seeds white. Seed.

494383. 488-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-58. Seeds white. Seed.

494384. 489-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-59. Seeds white. Seed.

494385. 490-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-60. Seeds white. Seed.

494386. 491-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-61. Seeds white. Seed.

494387. 492-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-62. Seeds white. Seed.

494388. 493-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-63. Seeds white. Seed.

494389. 494-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-64. Seeds white. Seed.

494390. 495-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-65.

494326 TO 494495-continued
Seeds white. Seed.

494391. 496-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-66.
Seeds white. Seed.

494392. 497-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-67.
Seeds brown. Seed.

494393. 498-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-68.
Seeds purple. Seed.

494394. 499-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-69.
Seeds white. Seed.

494395. 500-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-70.
Seeds white. Seed.

494396. 501-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-71.
Seeds white. Seed.

494397. 502-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-72.
Seeds white. Seed.

494398. 503-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-73.
Seeds white. Seed.

494399. 504-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-74.
Seeds white. Seed.

494400. 505-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-75.
Seeds brown. Seed.

494401. 506-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-76.
Seeds white. Seed.

494402. 507-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-77.
Seeds white. Seed.

494403. 508-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-78.
Seeds white. Seed.

494404. 509-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-79.
Seeds white. Seed.

494405. 510-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-80.
Seeds white. Seed.

494406. 511-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-81.
Seeds white. Seed.

494407. 512-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-82.
Seeds white. Seed.

494408. 513-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-83.
Seeds white. Seed.

494409. 514-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-84.
Seeds white. Seed.

494410. 515-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-85.
Seeds white. Seed.

494411. 516-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-86.
Seeds white. Seed.

494412. 517-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-87.
Seeds white. Seed.

494413. 518-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-88.
Seeds white. Seed.

494414. 519-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-89.
Seeds white. Seed.

494415. 520-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-90.
Seeds brown. Seed.

494416. 521-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-91.
Seeds white. Seed.

494417. 522-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-92.
Seeds white. Seed.

494418. 523-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-93.
Seeds white. Seed.

494419. 524-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-94.
Seeds white. Seed.

494420. 525-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-95.
Seeds white. Seed.

494421. 526-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-96.
Seeds white. Seed.

494422. 527-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-97.
Seeds white. Seed.

494423. 528-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-98.
Seeds white. Seed.

494424. 529-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-99.
Seeds white. Seed.

494425. 530-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-100.

Seeds purple. Seed.

494426. 531-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-101. Seeds brown. Seed.

494427. 532-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-102. Seeds white. Seed.

494428. 533-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-103. Seeds white. Seed.

494429. 534-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-104. Seeds white. Seed.

494430. 535-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-105. Seeds white. Seed.

494431. 536-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-106. Seeds white. Seed.

494432. 537-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-107. Seeds white. Seed.

494433. 538-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-108. Seeds white. Seed.

494434. 539-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-109. Seeds white. Seed.

494435. 540-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-110. Seeds white. Seed.

494436. 541-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-111. Seeds white. Seed.

494437. 542-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-112. Seeds white. Seed.

494438. 543-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-113. Seeds white. Seed.

494439. 544-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-114. Seeds purple. Seed.

494440. 545-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-115. Seeds white. Seed.

494441. 546-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-116. Seeds white. Seed.

494442. 547-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-117. Seeds white. Seed.

494443. 548-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-118. Seeds white. Seed.

494444. 549-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-119. Seeds white. Seed.

494445. 550-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-120. Seeds purple. Seed.

494446. 551-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-121. Seeds purple. Seed.

494447. 552-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-122. Seeds white. Seed.

494448. 553-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-123. Seeds white. Seed.

494449. 554-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-124. Seeds white. Seed.

494450. 555-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-125. Seeds white. Seed.

494451. 556-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-126. Seeds white. Seed.

494452. 557-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-127. Seeds white. Seed.

494453. 558-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-128. Seeds white. Seed.

494454. 559-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-129. Seeds white. Seed.

494455. 560-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-130. Seeds white. Seed.

494456. 561-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-131. Seeds purple. Seed.

494457. 562-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-132. Seeds white. Seed.

494458. 563-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-133. Seeds white. Seed.

494459. 564-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-134. Seeds white. Seed.

494460. 565-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-135.

Seeds white. Seed.

494461. 566-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-136. Seeds white. Seed.

494462. 567-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-137. Seeds white. Seed.

494463. 568-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-138. Seeds purple. Seed.

494464. 569-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-139. Seeds white. Seed.

494465. 570-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-140. Seeds white. Seed.

494466. 571-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-141. Seeds white. Seed.

494467. 572-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-142. Seeds brown. Seed.

494468. 573-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-143. Seeds purple. Seed.

494469. 574-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-144. Seeds brown. Seed.

494470. 575-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-145. Seeds white. Seed.

494471. 576-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-146. Seeds white. Seed.

494472. 577-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-147. Seeds white. Seed.

494473. 578-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-148. Seeds brown. Seed.

494474. 579-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-149. Seeds white. Seed.

494475. 580-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-150. Seeds white. Seed.

494476. 581-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-151. Seeds white. Seed.

494477. 582-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-152. Seeds white. Seed.

494478. 583-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-153. Seeds purple. Seed.

494479. 584-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-154. Seeds purple. Seed.

494480. 585-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-155. Seeds white. Seed.

494481. 586-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-156. Seeds white. Seed.

494482. 587-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-157. Seeds white. Seed.

494483. 588-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-158. Seeds purple. Seed.

494484. 589-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-159. Seeds white. Seed.

494485. 590-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-160. Seeds white. Seed.

494486. 591-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-161. Seeds white. Seed.

494487. 592-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-162. High yield group. Seeds white. Seed.

494488. 593-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-163. High yield group. Seeds white. Seed.

494489. 594-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-164. High yield group. Seeds white. Seed.

494490. 595-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-165. High yield group. Seeds white. Seed.

494491. 596-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-166. Low yield group. Seeds white. Seed.

494492. 597-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-167. Low yield group. Seeds purple. Seed.

494493. 598-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-168. Low yield group. Seeds brown. Seed.

494494. 599-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-169. Low yield group. Seeds white. Seed.

494495. 600-B. Ethiopia. Debre Zeit. Debre Zeit Exp. Sta. A-170.

494326 TO 494495-continued

Low yield group. Seeds white. Seed.

494496. Cicer arietinum L. (Fabaceae) Chickpea.

From India. Collected by Witcombe, J.R.; School of Plant Biology, University of North Wales; Bangor, Wales. Received through 1976 Bangor-Northern India Expedition. Code numbers refer to legume(L) and village site. Received January 1985.

L-244. India. Latitude: 29 deg 43 m N; Longitude: 079 deg 58 m E. Collected 1976. Ganai, Uttar Pradesh. 1150m. Seeds small, brown, angular (desi type). Cultivated. Seed.

494497 TO 494505. Phaseolus vulgaris L. (Fabaceae) Garden bean.

From India. Collected by Witcombe, J.R.; School of Plant Biology, University of North Wales; Bangor, Wales. Received through 1976 Bangor-Northern India Expedition. Code numbers refer to legume(L) and village site. Received January 1985.

494497. L-204. India. Latitude: 31 deg 04 m N; Longitude: 078 deg 12 m E. Collected 1976. Sangri, Uttar Pradesh. 2070m. Plants viney. Seeds purple with white mottle, medium-sized, uniform in size, color, and pattern. Cultivated. Seed.

494498. L-235A. India. Latitude: 30 deg 38 m N; Longitude: 079 deg 32 m E. Collected 1976. Pandukeshwar, Uttar Pradesh. 2000m. Plants viney, indeterminate. Seeds red with white mottle, medium-sized. Cultivated. Seed.

494499. L-235B. India. Latitude: 30 deg 38 m N; Longitude: 079 deg 32 m E. Collected 1976. Pandukeshwar, Uttar Pradesh. 2000m. Plants viney, indeterminate. Seeds tan to light purple, small. Cultivated. Seed.

494500. L-235C1. India. Latitude: 30 deg 38 m N; Longitude: 079 deg 32 m E. Collected 1976. Pandukeshwar, Uttar Pradesh. 2000m. Plants viney, indeterminate. Seeds oval, tan with red streaking, prominant white hilum. Cultivated. Seed.

494501. L-235C2. India. Latitude: 30 deg 38 m N; Longitude: 079 deg 32 m E. Collected 1976. Pandukeshwar, Uttar Pradesh. 2000m. Plants viney. Seeds gray-green with dark brown stripes, oval, medium-sized. Cultivated. Seed.

494502. L-235-D. India. Latitude: 30 deg 38 m N; Longitude: 079 deg 32 m E. Collected 1976. Pandukeshwar, Uttar Pradesh. 2000m. Plants viney. Seeds golden tan, white hilum with

494497 TO 494505-continued
dark ring. Cultivated. Seed.

494503. L-235E. India. Latitude: 30 deg 38 m N; Longitude: 079 deg 32 m E. Collected 1976. Pandukeshwar, Uttar Pradesh. 2000m. Plants viney, indeterminate. Seeds tan with dark brown streaks and light brown hilum ring. Cultivated. Seed.

494504. L-235F. India. Latitude: 30 deg 38 m N; Longitude: 079 deg 32 m E. Collected 1976. Pandukeshwar, Uttar Pradesh. 2000m. Plants viney, indeterminate. Seeds blue-black with white hilum. Cultivated. Seed.

494505. L-235G. India. Latitude: 30 deg 38 m N; Longitude: 079 deg 32 m E. Collected 1976. Pandukeshwar, Uttar Pradesh. 2000m. Plants viney, indeterminate. Seeds red with white mottle, long and slender. Cultivated. Seed.

494506 TO 494518. Pisum sativum L. (Fabaceae) Field pea.

From India. Collected by Witcombe, J.R.; School of Plant Biology, University of North Wales; Bangor, Wales. Received through 1976 Bangor-Northern India Expedition. Code numbers refer to legume(L) and village site.
Received January 1985.

494506. L-112. India. Latitude: 34 deg 19 m N; Longitude: 075 deg 52 m E. Collected 1976. Yagza (Uploa). 2900m. Cultivated. Seed.

494507. L-113. India. Latitude: 34 deg 16 m N; Longitude: 075 deg 57 m E. Collected 1976. Sanko. 2830m. Cultivated. Seed.

494508. L-115. India. Latitude: 34 deg 08 m N; Longitude: 075 deg 57 m E. Collected 1976. Kargi. 2860m. Cultivated. Seed.

494509. L-116. India. Latitude: 34 deg 03 m N; Longitude: 075 deg 57 m E. Collected 1976. Tangul. 2960m. Cultivated. Seed.

494510. L-118. India. Latitude: 34 deg 16 m N; Longitude: 076 deg 01 m E. Collected 1976. Skianku. 3020m. Cultivated. Seed.

494511. L-119. India. Latitude: 34 deg 14 m N; Longitude: 076 deg 05 m E. Collected 1976. Shispur. 3320m. Cultivated. Seed.

494512. L-120. India. Latitude: 34 deg 13 m N; Longitude: 076 deg 09 m E. Collected 1976. Shargundik. 3370m. Cultivated.

494506 TO 494518-continued
Seed.

494513. L-123. India. Latitude: 34 deg 22 m N; Longitude: 076 deg 13 m E. Collected 1976. Phokar (Lastlong). 3680m. Cultivated. Seed.

494514. L-124. India. Latitude: 34 deg 28 m N; Longitude: 076 deg 15 m E. Collected 1976. Lotsun. 2830m. Cultivated. Seed.

494515. L-125. India. Latitude: 34 deg 23 m N; Longitude: 076 deg 19 m E. Collected 1976. Shergol. 3140m. Cultivated. Seed.

494516. L-126. India. Latitude: 34 deg 22 m N; Longitude: 076 deg 23 m E. Collected 1976. Mulbech. 3360m. Cultivated. Seed.

494517. L-128. India. Latitude: 34 deg 28 m N; Longitude: 076 deg 30 m E. Collected 1976. Churtanchan. 3580m. Cultivated. Seed.

494518. L-129. India. Latitude: 34 deg 25 m N; Longitude: 076 deg 33 m E. Collected 1976. Sambra. 3340m. Cultivated. Seed.

494519. Vicia faba L. (Fabaceae) Broadbean.

From India. Collected by Witcombe, J.R.; School of Plant Biology, University of North Wales; Bangor, Wales. Received through 1976 Bangor-Northern India Expedition. Code numbers refer to legume(L) and village site.
Received January 1985.

L-137. India. Latitude: 34 deg 18 m N; Longitude: 076 deg 59 m E. Collected 1976. Narula (Nurta) Ladakh. 2830m. Seeds round, black, small to medium. Cultivated. Seed.

494520 TO 494523. Hordeum vulgare L. (Poaceae) Barley.

From United States. Donated by Western Plant Breeders; Bozeman, Montana.
Received January 1985.

494520. Columbia. United States. Gus/Kombar. Plants short, six-row type with semi-prostrate habit from winter plantings in the Southwest and erect from spring plantings in the Northwest. Straw strong. Head erect, strap-shaped. Awns long, semi-smooth. Seeds midlong. Maturity late. Used for feed. Adapted to irrigated areas of California, Idaho, Montana, Utah, Washington. Cultivar. Seed.

494521. Gus. United States. Selection from Composite Cross XXXII-76. Plants semidwarf, early growth semiprostrate. Six-row type. Straw moderately stiff to stiff. Heads erect. Seeds midlong to long, very plump. Maturity midseason. Used for feed. Resistant to scald, net blotch and yellow dwarf. Susceptible to loose smut, leaf rust, powdery mildew. Cultivar. Seed.

494522. WestBred Gustoe. United States. CCXXXII-76/Arivat. Plants semidwarf, early growth semi-prostrate, six-row type. Straw moderately stiff to stiff. Heads erect, strap-shaped, slightly waxy. Seeds short, plump. Yield high. Maturity midseason to late. Resistant to net blotch. Susceptible to loose smut, scald, scald and powdery mildew. Used for feed. Adapted to irrigated intermountain area. Cultivar. Seed.

494523. WestBred 501. United States. CCXXXII-76/Arivat. Semidwarf, six-row type. Straw stiff with no lodging. Heads erect, strap-shaped, waxy. Seeds midlong, very plump. Protein one-half to one percent higher than other adapted six-row types. Yield good. Maturity early to midseason. Resistant to scald, net blotch and powdery mildew. Susceptible to loose smut, leaf rust and stem rust. Used for feed. Adapted to irrigated or high rainfall areas of Western U.S. that has no leaf rust problem. Spring Annual. Cultivar. Seed.

494524. Triticum aestivum L. (Poaceae) Common wheat.

From United States. Donated by Department of Agronomy, Ohio State University; Wooster, Ohio.
Received January 1985.

OH 234. Becker. United States. Hart/Va 66-54-10. Soft red type. Straw strength extremely good. Yield potential high. Milling and baking qualities very good. Resistant to Hessian fly races A and C. Winter Annual. Cultivar. Seed.

494525 TO 494526. Glycine max (L.) Merr. (Fabaceae) Soybean.

From Canada. Donated by Donovan, L.S.; Ottawa Research Station, Agriculture Canada; Ottawa. Received through Northeast Regional Plant Introduction Station, Geneva, New York.
Received February 1985.

494525. Sweden. Norrkoping. Algot Holmberg & Soner AB, Fiskeby. 840-2-7. 201-14-20/680+993+994. Line 840-2-7 is parent of Traff. Line 201 is TypXX stam 9/Namikawa (Sachalin).

494525 TO 494526-continued
Breeding Material. Seed.

494526. Sweden. Norrkoping. Algot Holmberg & Soner AB, Fiskeby. 882-27. 154H/201-14-18 (Fiskeby III). Line 154 is TypXX stam 9/Oyachi II. Breeding Material. Seed.

494527 TO 494532. Citrullus colocynthis (L.) Schrad. (Cucurbitaceae) Colocynth.

From Nigeria. Collected by Badra, T.; National Horticultural Research Institute (NIHORT), FAO; Ibadan. Received February 1985.

494527. TB84/2565. Nigeria. Collected November 15, 1984. Olodo, Ogun. Local name Egusi melon. Seed.

494528. TB84/2609. Nigeria. Collected November 17, 1984. Ibadan, Oyo. Local name Egusi melon. Seed.

494529. TB84/2610. Nigeria. Collected November 17, 1984. Ibadan, Oyo. Local name Egusi melon. Seed.

494530. TB84/2613. Nigeria. Collected November 17, 1984. Ibadan, Oyo. Local name Egusi melon. Seed.

494531. TB84/2615. Nigeria. Collected November 17, 1984. Ibadan, Oyo. Local name Egusi melon. Seed.

494532. TB84/2617. Nigeria. Collected November 17, 1984. Ibadan, Oyo. Local name Egusi melon. Seed.

494533 TO 494563. Sorghum bicolor (L.) Moench (Poaceae) Grain sorghum.

From India. Donated by Reddy, B.V.S.; Sorghum Project, ICRISAT; Patancheru. Received through D.M. Rogers, Dept. of Agronomy, Kansas State University, Manhattan, Kansas. Received February 1985.

494533. D38001 PC81R. India. (SPV-105/M36410)-5-1-1B. Plants kharif type. Heads large. Preanthesis moisture stress tolerance good. Seed pericarp thin, endosperm corneous, slightly yellow. Breeding Material. Seed.

494534. D38119 PC81R. India. (IS-84/NP//IS-10479)-2-1-2-1. Plants kharif type. Heads large. Preanthesis moisture stress tolerance good. Seed pericarp thin, endosperm corneous, slightly yellow. Breeding Material. Seed.

494535. D38131 PC81R. India. (E12-5/DH-557-77R)-9-2-1-1-1-1. Plants kharif type. Heads large. Preanthesis moisture stress tolerance good. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494536. D38200 PC81R. India. (IS-3574/13-35)-1-1-1-1. Plants kharif type. Heads large. Preanthesis moisture stress tolerance good. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494537. D38009 PC81R. India. (DH-521-77R/IS-2328)-3-1-3-1B. Plants kharif type. Heads large. Preanthesis moisture stress tolerance good. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494538. D71283 PC79R. India. (9-42//(SC-423/CSV-4)-61)-2-1-1-1. Plants kharif type. Heads large. Preanthesis moisture stress tolerance and recovery good. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494539. D71395 PC79R. India. (22-40/SPV-105)-2-9-1. Plants kharif type. Heads large. Preanthesis moisture stress tolerance and recovery good. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494540. D71406 PC79R. India. (B-Y/D181//SPV-104)-5-3-9-1. Plants kharif type. Heads large. Preanthesis moisture stress tolerance and recovery good. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494541. D38033 PC81R. India. (SVP-105/Swarna)-1-1-4-1B. (SPV-105/Swarna)-1-1-4-1B. Plants kharif type, high yielding. Heads large. Irrigation recovery from preanthesis moisture stress good. Seeds pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494542. D38017 PC81R. India. (2077B/SPV-86)-2-2-2B. Plants kharif type. Heads large. Irrigation recovery from preanthesis moisture stress good. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494543. D38018 PC81R. India. (2077B/SPV-86)-2-1-1. Plants kharif type. Heads large. Irrigation recovery from preanthesis moisture stress good. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494544. D38016 PC81R. India. (2077B/SPV-86)-2-2-1. Plants kharif type. Heads large. Irrigation recovery from preanthesis moisture stress good. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494545. D38331 PC81R. India. (2077A/IS-1037)-2-2-4-1B. Plants kharif type. Heads large. Irrigation recovery from preanthesis moisture stress good. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494546. D38258 PC81R. India. (2-40/IS-1054)-1-1-2. Plants kharif type. Heads large. Irrigation recovery from preanthesis moisture stress good. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494547. D38063 PC81R. India. (Bulk-Y/E35-1)-7-4-3. Plants kharif type, high yielding. Heads large. Irrigation recovery from preanthesis moisture stress good. Seed pericarp thin, white. Breeding Material. Seed.

494548. D71258 PC79R. India. (W.A./Nig.Bulk//E35-1)-1-1-1-1B. Plants rabi type. Heads large. Performance good under terminal moisture stress. Seed pericarp thin, endosperm white. Breeding Material. Seed.

494549. D71185 PC79R. India. (IS-3443/DH-559-77R)-7-1-1B. Plants rabi type. Heads large. Performance good under terminal moisture stress. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494550. D40225 BS82B. India. (SPV-105//(SC-108-4-8/CSV-4)-1-14)-2-2-1. Plants rabi type. Heads large. Performance good under terminal moisture stress. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494551. D71383 PC79R. India. SPV-580. Plants rabi type. Heads large. Performance good under terminal moisture stress. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494552. D82792 BS81R. India. SPV-581. Plants rabi type. Heads large. Performance good under terminal moisture stress. Seed pericarp thin, endosperm corneous, slightly yellow. Breeding Material. Seed.

494553. D60767 PC82R. India. (E36-1/DH-547-77R)-10-2-1-3-1-1. Plants rabi type. Heads large. Performance good under terminal moisture stress. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494554. D60763 PC82R. India. (IS-6928//(WA/P#Bulk)-7-3)-6-1-2-1-1-1. Plants rabi type. Heads large. Performance good under terminal moisture stress. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494555. D60768 PC82R. India. (E36-1/DH-547-77R)-10-2-1-3-2-1. Plants rabi type. Heads large. Performance good under terminal moisture stress. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494556. D60771 PC82R. India. (20-67/E185-2)-4-8-1-1-1. Plants rabi type. Heads large. Performance good under terminal moisture stress. Seed pericarp thin, endosperm corneous, slightly yellow. Breeding Material. Seed.

494557. D60773 PC82R. India. (DH-521-77R/IS-2328)-3-1-2-2-1. Plants rabi type. Heads large. Performance good under terminal moisture stress. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494558. D71463 PC79R. India. SPV-69/E12-5)-5-5-1-1. Plants rabi type. Heads large. Drought susceptible. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494559. D71464 PC79R. India. (SPV-69/E12-5)-28-1-1B. Plants rabi type. Heads large. Drought resistant. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494560. D71305 PC79R. India. (IS-35/13-35)-1-1-1. Plants rabi type. Heads large. Drought resistant. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494561. D71306-1 PC79R. India. (DH-521-77R/E35-1)-1-1-2-1. Plants rabi type. Heads large. Drought susceptible. Seed pericarp thin, endosperm corneous, white. Breeding Material. Seed.

494562. DJ-1195. India. Plants kharif durra type. Heads small. Resistant to terminal moisture stress. Seeds starchy with chalky white endosperm, thick pericarp. Breeding Material. Seed.

494563. IS-1037. India. Plants kharif durra type. Heads small. Good seedling emergence and tolerance to drought. Seed endosperm white. Breeding Material. Seed.

494564 TO 494565. Medicago polymorpha L. (Fabaceae) California burclover.

From Australia. Donated by Western Australia Department of Agriculture; South Perth 6151, Western Australia. Received February 1985.

494564. Circle Valley. Australia. Cultivar. Seed.

494565. Serena. Australia. Cultivar. Seed.

494566 TO 494568. Helianthus annuus L. (Asteraceae) Sunflower.

From United States. Collected by Seiler, G.J.; Conservation and Production Research Laboratory, USDA-ARS; Bushland, Texas. Received February 1985.

494566 TO 494568-continued

494566. 1804. United States. Latitude: 27 deg N; Longitude: 098 deg W. Collected September 17, 1984. Hwy 77. 9.6km S of Bishop, Texas. Annual. Wild. Seed.

494567. 1811. United States. Latitude: 28 deg N; Longitude: 098 deg W. Collected September 17, 1984. Hwy 181, 2.4km S of Skidmore, Texas. Annual. Wild. Seed.

494568. 1814. United States. Latitude: 28 deg N; Longitude: 098 deg W. Collected September 18, 1984. Interstate 37 and Navigation Drive, Corpus Christi, Texas. Annual. Wild. Seed.

494569 TO 494582. Helianthus argophyllus Torr. & A. Gray (Asteraceae) Silverleaf sunflower.

From United States. Collected by Seiler, G.J.; Conservation and Production Research Laboratory, USDA-ARS; Bushland, Texas. Received February 1985.

494569. 1802. United States. Latitude: 27 deg N; Longitude: 098 deg W. Collected September 17, 1984. Hwy 77, 33.6km N of Raymondville, Texas. Annual. Wild. Seed.

494570. 1803. United States. Latitude: 27 deg N; Longitude: 098 deg W. Collected September 17, 1984. Hwy 77, 5.6km S of Sarita, Texas. Annual. Wild. Seed.

494571. 1805. United States. Latitude: 28 deg N; Longitude: 097 deg W. Collected September 17, 1984. Southern Corpus Christi, 4.8km S of Rodfield Road and Hwy 358, Texas. Annual. Wild. Seed.

494572. 1806. United States. Latitude: 28 deg N; Longitude: 097 deg W. Collected September 17, 1984. Intersection of Hwy P22 and P53, north Padre Island, Texas. Annual. Wild. Seed.

494573. 1807. United States. Latitude: 28 deg N; Longitude: 097 deg W. Collected September 17, 1984. Hwy P53, 11.2km S of Port Aransas, Texas. Annual. Wild. Seed.

494574. 1808. United States. Latitude: 28 deg N; Longitude: 097 deg W. Collected September 17, 1984. Hwy 35, north edge of Aransas Pass, Texas. Annual. Wild. Seed.

494575. 1809. United States. Latitude: 28 deg N; Longitude: 097 deg W. Collected September 17, 1984. Hwy 35, 3.2km N of Fulton, Texas. Annual. Wild. Seed.

494576. 1812. United States. Latitude: 28 deg N; Longitude: 098

494569 TO 494582-continued
deg W. Collected September 17, 1984. Hwy 181, 16km SE of Skidmore, Texas. Annual. Wild. Seed.

494577. 1813. United States. Latitude: 28 deg N; Longitude: 098 deg W. Collected September 17, 1984. Hwy 77, 20.8km SW of Woodsboro, Texas. Annual. Wild. Seed.

494578. 1815. United States. Latitude: 27 deg N; Longitude: 098 deg W. Collected September 18, 1984. Hwy 281, 8km N of Premont, Texas. Annual. Wild. Seed.

494579. 1818. United States. Latitude: 27 deg N; Longitude: 098 deg W. Collected September 18, 1984. Hwy 281, 8km S of Falfurrias, Texas. Annual. Wild. Seed.

494580. 1820. United States. Latitude: 27 deg N; Longitude: 098 deg W. Collected September 18, 1984. Hwy 281, 1.6km S of Rachal, Texas. Annual. Wild. Seed.

494581. 1822. United States. Latitude: 26 deg N; Longitude: 098 deg W. Collected September 18, 1984. Hwy 281, 4.8km N of San Manuel, Texas. Annual. Wild. Seed.

494582. 1834. United States. Latitude: 28 deg N; Longitude: 097 deg W. Collected September 20, 1984. Hwy 77, 11.2km S of Victoria, Texas. Annual. Wild. Seed.

494583. Helianthus debilis subsp. cucumerifolius (Torr. & A. Gray) Heiser (Asteraceae).

From United States. Collected by Seiler, G.J.; Conservation and Production Research Laboratory, USDA-ARS; Bushland, Texas. Received February 1985.

1810. United States. Latitude: 29 deg N; Longitude: 097 deg W. Collected September 17, 1984. Hwy 59, 9.6km N of Fannin, Texas. Annual. Wild. Seed.

494584 TO 494590. Helianthus debilis subsp. silvestris Heiser (Asteraceae).

From United States. Collected by Seiler, G.J.; Conservation and Production Research Laboratory, USDA-ARS; Bushland, Texas. Received February 1985.

494584. 1837. United States. Latitude: 29 deg N; Longitude: 098 deg W. Collected September 20, 1984. Hwy Alt. 77, 9.6km NW of Cuero, Texas. Annual. Wild. Seed.

494585. 1838. United States. Latitude: 29 deg N; Longitude: 097 deg W. Collected September 20, 1984. Hwy 95, 8.0km S of

494584 TO 494590-continued
Shiner, Texas. Annual. Wild. Seed.

494586. 1841. United States. Latitude: 30 deg N; Longitude: 097 deg W. Collected September 20, 1984. Hwy 159, 23.2km W of Belleville, Texas. Annual. Wild. Seed.

494587. 1846. United States. Latitude: 32 deg N; Longitude: 095 deg W. Collected September 21, 1984. Hwy 259, 11.2km S of Henderson, Texas. Annual. Wild. Seed.

494588. 1847. United States. Latitude: 32 deg N; Longitude: 095 deg W. Collected September 21, 1984. Hwy 259, 4.8km S of Mount Interprise, Texas. Annual. Wild. Seed.

494589. 1848. United States. Latitude: 32 deg N; Longitude: 095 deg W. Collected September 21, 1984. Hwy 259, 12.8km N of Nacogdoches, Texas. Annual. Wild. Seed.

494590. 1849. United States. Latitude: 32 deg N; Longitude: 095 deg W. Collected September 21, 1984. Hwy 204, 3.2km W of Sacul, Texas. Annual. Wild. Seed.

494591 TO 494599. Helianthus occidentalis subsp. plantagineus (Torr. & A. Gray) Heiser (Asteraceae).

From United States. Collected by Seiler, G.J.; Conservation and Production Research Laboratory, USDA-ARS; Bushland, Texas. Received February 1985.

494591. 1829. United States. Latitude: 29 deg N; Longitude: 097 deg W. Collected September 19, 1984. Hwy Alt. 90, 14.4km W of Eagle Lake, Texas. Perennial Herb. Wild. Seed.

494592. 1830. United States. Latitude: 29 deg N; Longitude: 097 deg W. Collected September 19, 1984. Hwy Alt. 90, 6.4km W of Rock Island, Texas. Perennial Herb. Wild. Seed.

494593. 1831. United States. Latitude: 29 deg N; Longitude: 097 deg W. Collected September 19, 1984. Hwy Alt. 90, 6.4km W of Sheridan, Texas. Perennial Herb. Wild. Seed.

494594. 1832. United States. Latitude: 29 deg N; Longitude: 097 deg W. Collected September 19, 1984. Hwy Alt. 90, 4.8km E of Hallettsville, Texas. Perennial Herb. Wild. Seed.

494595. 1833. United States. Latitude: 29 deg N; Longitude: 097 deg W. Collected September 19, 1984. Hwy 77, 52.8km N of Victoria, Texas. Perennial Herb. Wild. Seed.

494596. 1835. United States. Latitude: 29 deg N; Longitude: 097 deg W. Collected September 20, 1984. Hwy 236, 12.8km S of Mission Valley, Texas. Perennial Herb. Wild. Seed.

494591 TO 494599-continued

494597. 1836. United States. Latitude: 29 deg N; Longitude: 097 deg W. Collected September 20, 1984. Hwy 447, 3.2km S of Nursery, Texas. Perennial Herb. Wild. Seed.

494598. 1839. United States. Latitude: 30 deg N; Longitude: 098 deg W. Collected September 20, 1984. Hwy 154, 6.4km S of West Point, Texas. Perennial Herb. Wild. Seed.

494599. 1840. United States. Latitude: 30 deg N; Longitude: 098 deg W. Collected September 20, 1984. Hwy 154, 8.0km N of Flatonia, Texas. Perennial Herb. Wild. Seed.

494600 TO 494605. Helianthus praecox Torr. & A. Gray subsp. praecox (Asteraceae).

From United States. Collected by Seiler, G.J.; Conservation and Production Research Laboratory, USDA-ARS; Bushland, Texas. Received February 1985.

494600. 1823. United States. Latitude: 29 deg N; Longitude: 095 deg W. Collected September 19, 1984. Hwy 3005 on Galveston Island, 3.2km W of Galveston, Texas. Annual. Wild. Seed.

494601. 1824. United States. Latitude: 29 deg N; Longitude: 095 deg W. Collected September 19, 1984. Hwy 3005 on Galveston Island, 20.8km W of Galveston, Texas. Annual. Wild. Seed.

494602. 1825. United States. Latitude: 29 deg N; Longitude: 095 deg W. Collected September 19, 1984. Hwy 3005 on Galveston Island, 32km SW of Galveston, Texas. Annual. Wild. Seed.

494603. 1826. United States. Latitude: 29 deg N; Longitude: 095 deg W. Collected September 19, 1984. Hwy 87, Bolivar Peninsula, 9.6km NE of Port Bolivar, Texas. Annual. Wild. Seed.

494604. 1827. United States. Latitude: 29 deg N; Longitude: 095 deg W. Collected September 19, 1984. Hwy 87, 16km SW of Gilchrist, Texas. Annual. Wild. Seed.

494605. 1828. United States. Latitude: 29 deg N; Longitude: 095 deg W. Collected September 19, 1984. Hwy 87, 6.4km NW of Gilchrist, Texas. Annual. Wild. Seed.

494606 TO 494610. Helianthus praecox subsp. runyonii (Heiser) Heiser (Asteraceae).

From United States. Collected by Seiler, G.J.; Conservation and

494606 TO 494610-continued
Production Research Laboratory, USDA-ARS; Bushland, Texas. Received February 1985.

494606. 1801. United States. Latitude: 27 deg N; Longitude: 098 deg W. Collected September 17, 1984. Hwy 77, 9.6km N of Raymondville, Texas. Annual. Wild. Seed.

494607. 1816. United States. Latitude: 27 deg N; Longitude: 098 deg W. Collected September 18, 1984. Hwy 281, 4.8km S of Premont, Texas. Annual. Wild. Seed.

494608. 1817. United States. Latitude: 27 deg N; Longitude: 098 deg W. Collected September 18, 1984. Hwy 285, 4.8km W of Falfurrias, Texas. Annual. Wild. Seed.

494609. 1819. United States. Latitude: 27 deg N; Longitude: 098 deg W. Collected September 18, 1984. Hwy 281, 12.8km N of Encino, Texas. Annual. Wild. Seed.

494610. 1821. United States. Latitude: 28 deg N; Longitude: 098 deg W. Collected September 18, 1984. Hwy 281, 8.0km S of Rachal, Texas. Annual. Wild. Seed.

494611 TO 494614. Helianthus rigidus subsp. rigidus (Cass.) Desf. (Asteraceae) Stiff sunflower.

From United States. Collected by Seiler, G.J.; Conservation and Production Research Laboratory, USDA-ARS; Bushland, Texas. Received February 1985.

494611. 1842. United States. Latitude: 33 deg N; Longitude: 096 deg W. Collected September 21, 1984. Hwy 271, 3.2km SE of Deport, Texas. Perennial Herb. Wild. Seed.

494612. 1843. United States. Latitude: 33 deg N; Longitude: 096 deg W. Collected September 21, 1984. Hwy 410, 1.6km S of Rugby, Texas. Perennial Herb. Wild. Seed.

494613. 1844. United States. Latitude: 33 deg N; Longitude: 096 deg W. Collected September 21, 1984. Hwy 271, 1.6km NW of Bogata, Texas. Perennial Herb. Wild. Seed.

494614. 1845. United States. Latitude: 33 deg N; Longitude: 096 deg W. Collected September 21, 1984. Hwy 410, 14.4km S of Detroit, Texas. Perennial Herb. Wild. Seed.

494615 TO 494616. Agropyron cristatum (L.) Gaertn. (Poaceae) Fairway crested wheatgrass.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah.

494615 TO 494616-continued
Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

494615. R 116. Romania. Collected August 18, 1984. Very sandy soil near beach just south of Constanta. Plant vigorous and tall, protected from grazing. Wild. Seed.

494616. R 127. Romania. Collected August 19, 1984. Open sunny slope, Hagieni Nature Reserve, 10km W of Mangalia. 150m. Wild. Seed.

494617. Agropyron cristatum subsp. pectinatum (M.-Bieb.) Tzvel. (Poaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 115. Romania. Collected August 18, 1984. Grazed pasture near Fintinita Nature Reserve, 20km W of Constanta. Plants small, early maturity. Wild. Seed.

494618. Agropyron intermedium (Host) Beauv. (Poaceae) Intermediate wheatgrass.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 82. Romania. Collected August 11, 1984. Hay meadow, 10km S of Suceava. 500m. Plants to 1.5m. Seed production excellent. Wild. Seed.

494619. Anthoxanthum odoratum L. (Poaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 67. Romania. Collected August 09, 1984. Open meadow, 0.5km W of Highway 73A, 5km N of Piriul Rece. 82m. Plants 0.5m tall. Reportedly good forage species with wide adaptation. Wild. Seed.

494620. Anthyllis vulneraria L. (Fabaceae) Kidney-vetch.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 64. Romania. Collected August 09, 1984. Reforested area near Highway 73, 3km N of Piriul Rece, 10km W of Predeal. Plants vigorous, 10-20cm tall. Wild. Seed.

494621. Astragalus asper Jacq. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 119. Romania. Collected August 18, 1984. Depressions on very sandy soil near beach just S of Constanta. Plants very mature. Wild. Seed.

494622 TO 494623. Astragalus glycyphyllos L. (Fabaceae) Milkvetch.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

494622. R 62. Romania. Collected August 09, 1984. Rocky bank along Highway 73A, 10km S of Risnov, 15km W of Brasov. 1150m. Plant stems 0.5m long, associated with Medicago falcata and Lotus corniculatus. Seed pods somewhat immature. Wild. Seed.

494623. R 109. Romania. Collected August 16, 1984. Forest opening, 1 km S of Cosoveni, 14km SE of Craiova. Plant stems trailing, 1 m long. Pods mature. Wild. Seed.

494624 TO 494625. Astragalus monspessulanus L. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

494624. R 91. Romania. Collected August 13, 1984. Finetele

494624 TO 494625-continued

Clujului Nature Reserve near Cluj-Napoca. 400m. Plants rosette-like with limited forage. Wild. Seed.

494625. R 114. Romania. Collected August 18, 1984. Grazed pasture near Fintinita Nature Reserve, 20km W of Constanta. 150m. Plants small, early maturing. Most pods split. Received as Astragalus monspessulanus var. macedonicus. Wild. Seed.

494626 TO 494627. Astragalus onobrychis L. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

494626. R 95. Romania. Collected August 14, 1984. One km W of Macau, 25km NW of Cluj. 650m. One hillside covered with this species and harvested for hay. Wild. Seed.

494627. R 104. Romania. Collected August 15, 1984. Very sandy soil near Jiul River, 27km S of Craiova. Plants prostrate 1 m in diameter. Seed stalks 10cm tall. Grazed area. Received as Astragalus onobrychis var. lineafolius. Wild. Seed.

494628. Astragalus pseudopurpurea Gusul. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 80. Romania. Collected August 10, 1984. Mouth of gorge, Hwy 15C in Cheile Sugaului Nature Res., W of Piatra Neamt. Plants 5cm tall on south facing slope with rocky limestone soil. Pods pubescent. Only site found with this species. No nodules on examined roots. Wild. Seed.

494629. Astragalus spruneri Boiss. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

494629-continued

R 124. Romania. Collected August 19, 1984. Hagieni Nature Reserve, 10km W of Mangalia, 30km S of Constanta. Plants common but not all had pods. Wild. Seed.

494630. Astragalus varius S. G. Gmel. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 117. Romania. Collected August 18, 1984. Sand dune near beach just S of Constanta. Wild. Seed.

494631. Bromus inermis Leyss. (Poaceae) Smooth bromegrass.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 126. Romania. Collected August 19, 1984. Hagieni Nature Reserve, 10km W of Mangalia, 30km S of Constanta. 150m. Plants 1.5m tall under oak trees. Seed production excellent. Wild. Seed.

494632. Chamaecytisus austriacus (L.) Link (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 74. Romania. Collected August 10, 1984. Beach zone along Hwy 11 in East Carpathian Mts, 5km NE of Bretcu. 875m. Plants .25 to .5m tall, hairy. Leaves trifoliate. Flowers yellow. Pods pubescent. Earlier maturity than associated plants of Genista tinctoria and G. nigrans. Grazed. Received as Cytisus austriacus. Wild. Seed.

494633 TO 494634. Coronilla varia L. (Fabaceae) Crownvetch.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

494633. R 96. Romania. Collected August 14, 1984. One km W of

494633 TO 494634-continued

Macau, 25km NW of Cluj. 650m. Seeds mostly immature. Wild. Seed.

494634. R 125. Romania. Collected August 19, 1984. Hagieni Nature Reserve, 10km W of Mangalia, 30km S of Constanta. Plants few. Wild. Seed.

494635. Cynosurus cristatus L. (Poaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 70. Romania. Collected August 09, 1984. Open meadow, 0.5km W of Hwy 73A, 5km N of Piriul Rece. 82m. Wild. Seed.

494636 TO 494637. Dactylis glomerata L. (Poaceae) Orchardgrass.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

494636. R 84. Romania. Collected August 11, 1984. Hay meadow, 10km S of Suceava. 500m. Wild. Seed.

494637. R 108. Romania. Collected August 16, 1984. Tree shaded area, People's Park, Craiova. 250m. Forage production limited but seed production good. Wild. Seed.

494638. Deschampsia cespitosa (L.) Beauv. (Poaceae) Tufted hairgrass.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 63. Romania. Collected August 09, 1984. Reforested area near Hwy 73, 3 km N of Piriul Rece, 10km W of Predeal. 1000m. Plants 1-1.5m tall. Seed production good. Wild. Seed.

494639 TO 494641. Dorycnium herbaceum Vill. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research

494639 TO 494641-continued
Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

494639. R 58. Romania. Collected August 08, 1984. Disturbed site, Hwy E 15 between Cimpina and Breaza, N of Bucharest. Plants 0.5m tall, no foliage diseases. Flowers white, abundant. Seeds mostly immature. Wild. Seed.

494640. R 90. Romania. Collected August 13, 1984. Finetele Clujului Nature Reserve near Cluj-Napoca. 400m. Plants 0.5m tall. Flowers white. Seeds mostly immature. Palatability questionable because of no grazing. Wild. Seed.

494641. R 112. Romania. Collected August 17, 1984. Open meadow, near Optasi-Magura, 38km SW of Pitesti. Wild. Seed.

494642 TO 494643. Festuca rubra L. (Poaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

494642. R 66. Romania. Collected August 09, 1984. Open meadow, 0.5km W of Hwy 73A, 5km N of Piriul Rece. 82m. Plants vigorous with short (2-3cm) rhizomes. Wild. Seed.

494643. R 68. Romania. Collected August 09, 1984. Open meadow, 0.5km W of Hwy 73A, 5km N of Piriul Rece. 82m. Wild. Seed.

494644. Genista sagittalis L. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 102. Romania. Collected August 14, 1984. Cluj City Recreation area near Fagata, about 8km NW of Cluj. Wild. Seed.

494645. Genista tinctoria L. (Fabaceae) Dyer's-greenweed.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah.

494645-continued
Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 100. Romania. Collected August 14, 1984. Cluj City Recreation area near Fagate, about 8km NW of Cluj. 550m. Plants not grazed. Only few ripe pods. Wild. Seed.

494646. Holcus lanatus L. (Poaceae) Velvetgrass.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 73. Romania. Collected August 09, 1984. Seep area, 0.5km W of Hwy 73A, 5km N of Piriul Rece. 82m. Plants growing in association with Equisetum. Wild. Seed.

494647. Koeleria brevis Steven (Poaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 123. Romania. Collected August 19, 1984. Hagieni Nature Reserve, 10km W of Mangalia, 30km S of Constanta. 150m. Plants few. Wild. Seed.

494648. Lathyrus niger (L.) Bernh. (Fabaceae) Black peavine.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 111. Romania. Collected August 16, 1984. Forest opening, 1 km SE of Cosoveni, 14km SE of Craiova. Plants 1.5m tall, almost shrubby. Pods long, black, very mature, most dehisced. Wild. Seed.

494649. Lathyrus pratensis L. (Fabaceae) Meadow peavine.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah.

494649-continued
Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 65. Romania. Collected August 09, 1984. Open meadow, 0.5km W of Hwy 73A, 5km N of Piriul Rece. 82m. Plants 1 m tall, tendrils. Flowers yellow. Pods black. Wild. Seed.

494650. Lathyrus sylvestris L. (Fabaceae) Flat pea.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 105. Romania. Collected August 16, 1984. Meadow, People's Park, Craiova. 250m. Wild. Seed.

494651. Lathyrus vernus (L.) Bernh. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 110. Romania. Collected August 16, 1984. Shaded forest area, 1 km S of Cosoveni, 14km SE of Craiova. Plants 0.5m tall, very mature. Most pods already dehisced. Wild. Seed.

494652 TO 494654. Lotus corniculatus L. (Fabaceae) Birdsfoot trefoil.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

494652. R 61. Romania. Collected August 09, 1984. Hwy 73A, 10km S of Risnov, 15km W of Brasov. 1150m. Plants prostrate with stems 10-20cm long. Pods not fully mature. Nodule sample R61-N. Wild. Seed.

494653. R 76. Romania. Collected August 10, 1984. Native hay meadow, Hwy E20 along Siret River, 23km SW of Gheorghe. 490m. Wild. Seed.

494654. R 93. Romania. Collected August 14, 1984. One km W of Macau, 25km NW of Cluj. 650m. Plants abundant. Part of

494652 TO 494654-continued
area cut for hay. Wild. Seed.

494655. Lotus maritimus L. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 103. Romania. Collected August 14, 1984. Cluj City Recreation area near Fagata, about 8km NW of Cluj. 550m. May be toxic to livestock. Received as Tetragonolobus siliquosus. Wild. Seed.

494656. Medicago lupulina L. (Fabaceae) Black medic.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 57. Romania. Collected August 08, 1984. Disturbed roadside Hwy 15, between Cimpina and Breaza, N of Bucharest. 350m. Plants typical with stems 10-25cm long. Associated legumes (Lotus, Coronilla, Melilotus, and Medicago) not mature. Wild. Seed.

494657. Medicago marina L. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 121. Romania. Collected August 19, 1984. Beach sand dunes along Hwy E95 just N of Erforie Sud, 10km S of Constanta. Plants low growing, gray, pubescent, very mature, no evidence of disease or insect damage. All pods dropped. Wild. Seed.

494658 TO 494659. Medicago sativa L. (Fabaceae) Alfalfa.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.

494658 TO 494659-continued
Received January 1985.

494658. R 75. Romania. Collected August 10, 1984. Native hay meadow, Hwy E20 along Siret River, 23km SW of Gheorghe. 490m. Plants 0.5m tall. Flowers purple. Seeds mostly immature. Wild. Seed.

494659. R 107. Romania. Collected August 16, 1984. Meadow, People's Park, Craiova. 250m. Plants 0.5cm tall, susceptible to rust. Flowers blue. Pods 2-3 coiled. Wild. Seed.

494660 TO 494663. Medicago sativa subsp. falcata (L.) Arc. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

494660. R 88. Romania. Collected August 13, 1984. Finetele Clujului Nature Reserve, near Cluj-Napoca. 400m. Plants abundant but only a few with mature pods, 0.5m tall. Leaves small. Flowers bright yellow. Received as Medicago falcata. Wild. Seed.

494661. R 92. Romania. Collected August 14, 1984. Open and shaded area under shrubs, 1 km W of Macau, 25km NW of Cluj. 650m. Plants 1 m tall with no weevil damage. Pods curved, 1 cm, black or brown when mature. Received as Medicago falcata. Wild. Seed.

494662. R 106. Romania. Collected August 16, 1984. People's Park, Craiova. 250m. Plants smaller and pods straighter than PI 494660. Received as Medicago falcata. Wild. Seed.

494663. R 118. Romania. Collected August 18, 1984. Sand dune near beach just S of Constanta. Plants of good appearance. Some pods parasitized. Received as Medicago falcata. Wild. Seed.

494664 TO 494666. Onobrychis arenaria (Kit. ex Willd.) DC. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

494664. R 89. Romania. Collected August 13, 1984. Finetele Clujului Nature Reserve near Cluj-Napoca. 400m. Plants

494664 TO 494666-continued

0.5m tall, better adapted to droughty sites than O. viciifolia. Flowers salmon pink. Seeds mature and mostly dropped. Wild. Seed.

494665. R 120. Romania. Collected August 18, 1984. Very sandy soil near beach just S of Constanta. Plants smaller than O. viciifolia but probably more drought resistant. Seed production excellent. Wild. Seed.

494666. R 128. Romania. Collected August 19, 1984. Open meadow, Hagieni Nature Res., 10km W of Mangalia, 30km S of Constanta. 150m. Wild. Seed.

494667 TO 494669. Onobrychis viciifolia Scop. (Fabaceae) Sainfoin.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

494667. R 87. Romania. Collected August 11, 1984. Hay meadow, 10km S of Suceava. 500m. Dominant species on hilltop in mixed sward with Vicia, Lathyrus, Medicago, Trifolium, and Coronilla. Only few mature pods. Wild. Seed.

494668. R 98. Romania. Collected August 14, 1984. One km W of Macau, 25km NW of Cluj. 650m. Plants in very dense population. Wild. Seed.

494669. R 113. Romania. Collected August 17, 1984. Five km W of Musetesti, 10km E of Curtea de Arges. 690m. Plants very short-statured, late maturing. Wild. Seed.

494670. Oxytropis halleri Bunge ex Koch (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 60. Romania. Collected August 09, 1984. Sandy soil on top of Babele Mountain, near Busteni. 2200m. Plant alpine, 5cm tall. Wild. Seed.

494671. Phleum pratense L. (Poaceae) Timothy.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah.

494671-continued

Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 83. Romania. Collected August 11, 1984. Hay meadow, 10km S of Suceava. 500m. Seeds may be immature. Wild. Seed.

494672. Trifolium arvense L. (Fabaceae) Rabbit-foot clover.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 79. Romania. Collected August 10, 1984. Top of canal bank, 1 km N of Podoleni, N of Bacau. 410m. Local name Poponash. Wild. Seed.

494673. Trifolium aureum Poll. (Fabaceae) Hop clover.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 99. Romania. Collected August 14, 1984. Cluj City Recreation area near Fagata, about 8km NW of Cluj. 550m. Plants and seeds few. Also referred to as T. agrarium L. Received as Trifolium strepens. Wild. Seed.

494674. Trifolium montanum L. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 71. Collected August 09, 1984. Open meadow, 0.5km W of Hwy 73A, 5km N of Piriul Rece. 82m. Wild. Seed.

494675. Trifolium pannonicum Jacq. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in

494675-continued
Romania.
Received January 1985.

R 72. Romania. Collected August 09, 1984. Open meadow, 0.5km W of Hwy 73A, 5km N of Piriul Rece. 82m. Wild. Seed.

494676. Trisetum flavescens (L.) Beauv. (Poaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 69. Romania. Collected August 09, 1984. Open meadow, 0.5km W of Hwy 73A, 5km N of Piriul Rece. 82m. Wild. Seed.

494677. Viburnum lantana L. (Caprifoliaceae) Wayfaring-tree.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 101. Romania. Collected August 14, 1984. Wet meadow depression, Cluj Recreation Area near Fagata, 8km NW of Cluj. 550m. Plant 2.5m tall, very attractive. Fruit red and yellow. Perennial Woody. Wild. Seed.

494678. Vicia angustifolia L. (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 85. Romania. Collected August 11, 1984. Hay meadow, 10km S of Suceava. 500m. Wild. Seed.

494679. Vicia angustifolia var. segetalis Koch (Thuill.) (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 97. Romania. Collected August 14, 1984. One km W of Macau, 25km NW of Cluj. 650m. May be mixture with other Vicia species. Received as Vicia segetalis. Wild. Seed.

494680. Vicia cracca L. (Fabaceae) Boreal vetch.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 81. Romania. Collected August 11, 1984. Hay meadow, 10km S of Suceava. 500m. Plants large, vigorous, 1 m tall. Wild. Seed.

494681 TO 494682. Vicia hirsuta (L.) S. F. Gray (Fabaceae) Tiny vetch.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

494681. R 77. Romania. Collected August 10, 1984. Bank of canal, 1 km N of Podoleni, N of Balan. 410m. Plants few. Wild. Seed.

494682. R 86. Romania. Collected August 11, 1984. Hay meadow, 10km S of Suceava. 500m. Wild. Seed.

494683. Vicia tenuifolia Roth (Fabaceae).

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 94. Romania. Collected August 14, 1984. One km W of Macau, 25km NW of Cluj. 650m. Plants grow in association with shrubs. Wild. Seed.

494684. Vicia tetrasperma (L.) Schreb. (Fabaceae) Sparrow vetch.

From Romania. Collected by Rumbaugh, M.D.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah. Received through the 1984 Rumbaugh/Taylor Exploration in Romania.
Received January 1985.

R 78. Romania. Collected August 10, 1984. Bank of canal,

494684-continued
1 km N of Podoleni, N of Balan. 410m. Plants few. Wild. Seed.

494685 TO 494687. Agropyron intermedium (Host) Beauv. (Poaceae) Intermediate wheatgrass.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494685. Ag-1. Romania. Collected August 16, 1984. Along plowed field edge, Cosoveni Forest, Route 6, 16km E of Craiova. Area flat, low elevation. Plants 90-120cm tall. Wild. Seed.

494686. Ag-2. Romania. Collected August 18, 1984. Near Naval Harbor, Sand Nature Reserve, Constanta. Plants somewhat shorter than most A. intermedium. Wild. Seed.

494687. Ag-3. Romania. Collected August 19, 1984. Nature Reserve, 8km from Mangalia. Wild. Seed.

494688 TO 494690. Astragalus cicer L. (Fabaceae) Cicer milkvetch.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494688. A-1. Romania. Collected August 11, 1984. Natural hay meadow reserve, 7km S of Suceava. 370m. Single plant, tall viney. Wild. Seed.

494689. A-3. Romania. Collected August 14, 1984. Hillside overlooking Macau, 25km NW of Cluj. 500m. Plants typical, few seeds per head. Wild. Seed.

494690. A-4. Romania. Collected August 20, 1984. Botanic Garden, Bucharest College of Agriculture. Plants typical. Seed heads small. Some insect feeding on seeds. Wild. Seed.

494691. Astragalus peterfii Jav. (Fabaceae).

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

A-2. Romania. Collected August 13, 1984. High

494691-continued

escarpment, Hwy 16, Natural Reserve near Suatu, 20km NE of Cluj-Napoca. 498m. Grazing not permitted on natural meadow. Plants erect, about 15cm tall. Wild. Seed.

494692. Bromus inermis Leyss. (Poaceae) Smooth bromegrass.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

B-1. Romania. Collected August 11, 1984. Natural Reserve of hay meadow, 7km S of Suceava. 370m. Plants typical of species. Wild. Seed.

494693 TO 494694. Coronilla varia L. (Fabaceae) Crownvetch.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494693. C-1. Romania. Natural dry, flat plain, People's Park, Craiova. Plants low growing, shorter than most U.S. types. Wild. Seed.

494694. C-2. Romania. Collected August 16, 1984. Near Naval Harbor, Sand Nature Reserve, Constanta. Plants low growing, viney, clumped in large population. Wild. Seed.

494695 TO 494698. Dactylis glomerata L. (Poaceae) Orchardgrass.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494695. D-1. Romania. Collected August 09, 1984. Dry roadside ditch bank, Road 73-A near Risnov. Plants associated with Festuca, Lotus, Medicago, and Trifolium species. Perennial Herb. Wild. Seed.

494696. D-2. Romania. Collected August 09, 1984. Roadside, 15km from Predeal and 7km from Piriul Rece. Low elevation area. Possible escape from cultivation. Perennial Herb. Wild. Seed.

494697. D-3. Romania. Collected August 18, 1984. Near Naval harbor, Sand Natural Preserve, Constanta. Possible escape from cultivation. Perennial Herb. Wild. Seed.

494698. D-4. Romania. Collected August 19, 1984. Plateau of Nature Reserve, 8km from Mangalia. Some snail feeding on plants. Perennial Herb. Wild. Seed.

494699. Elymus arenarius L. (Poaceae) European dunegrass.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

E-1. Romania. Collected August 18, 1984. Near Naval Harbor, Sand Nature Preserve, Constanta. Plants rather coarse, to 90cm tall. Leaves broad, almost blue-green in color. Sand dune habitat. Perennial Herb. Wild. Seed.

494700. Festuca pratensis Huds. (Poaceae) Meadow fescue.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

F-2. Romania. Collected August 09, 1984. Roadside ditch, Road 73-A near Risnov. Perennial Herb. Wild. Seed.

494701. Festuca valesiaca Schleich. ex Gaud. (Poaceae).

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

F-1. Romania. Collected August 19, 1984. Nature Reserve, 8km from Mangalia. Plants low growing, fine textured, limited forage contribution. Perennial Herb. Wild. Seed.

494702. Lathyrus hirsutus L. (Fabaceae) Rough peavine.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

La-1. Romania. Collected August 14, 1984. Hillside overlooking Macau, 25km NW of Cluj. 500m. Plants low growing under grazing. Wild. Seed.

494703. Lotus maritimus L. (Fabaceae).

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

L-1. Romania. Collected August 13, 1984. High escarpment, Nature Reserve near Suatu, Hwy 16, about 20km NE of Cluj. Plants rather erect to 30cm tall. Received as Lotus siliquosus. Wild. Seed.

494704 TO 494705. Melica ciliata L. (Poaceae).

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494704. M-1. Romania. Collected August 18, 1984. Near Naval Harbor, Sand Natural Preserve, Constanta. Plants 30 to 45cm tall. Seed heads feather-like. Wild. Seed.

494705. M-2. Romania. Collected September 19, 1984. Plateau, Nature Reserve, 8km from Mangalia. Plants 90-120cm tall. Wild. Seed.

494706. Melilotus alba Medik. (Fabaceae) White sweetclover.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

Me-1. Romania. Collected August 19, 1984. Beach sand dunes in Constanta, Black Sea, Route 39. Plants very tall (to 135cm) and coarse, some fruiting, others in flower. Wild. Seed.

494707. Oxytropis pilosa (L.) DC. (Fabaceae).

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

O-1. Romania. Collected August 13, 1984. Highway 16, Natural Reserve near Suatu, 20km NW of Cluj. 498m. Plants very low growing, probably grazed. Wild. Seed.

494708. Phleum phleoides (L.) Karst. (Poaceae).

From Romania. Collected by Taylor, W.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

P-1. Romania. Collected August 18, 1984. Near Naval Harbor, Sand Nature Preserve, Constanta. Plants 60-75cm tall. Perennial Herb. Wild. Seed.

494709 TO 494712. Trifolium alpestre L. (Fabaceae).

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494709. T-5. Romania. Collected August 09, 1984. Roadside bank, Road 73-A near Risnov. Plants robust. Wild. Seed.

494710. T-7. Romania. Collected August 09, 1984. Roadside bank, Road 73-A near Risnov. Plants about 15cm tall, abundant. Wild. Seed.

494711. T-18. Romania. Collected August 11, 1984. Natural reserve, 7km S of Suceava. 370m. Plants abundant, vigorous, to 45cm tall. Wild. Seed.

494712. T-34. Romania. Collected August 16, 1984. Along path, Cosoveni forest, 16km E of Craiova on Route 6. Plants 15cm tall, mixed with Trifolium medium. Wild. Seed.

494713 TO 494714. Trifolium arvense L. (Fabaceae) Rabbit-foot clover.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494713. T-31. Romania. Collected August 15, 1984. Side road along Road 55, 1-2km S of Bratovoesti, 27km S of Craiova. Plants with only partially mature seeds. Wild. Seed.

494714. T-33. Romania. Collected August 16, 1984. Flat natural meadow, Craiova People's Park, Craiova. Plants scattered, 15 to 30cm tall. Wild. Seed.

494715. Trifolium arvense var. gracile (Thuill.) DC. (Fabaceae).

From Romania. Collected by Taylor, N.L.; Department of Agronomy,

494715-continued

University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

T-40. Romania. Collected August 17, 1984. Near Berevoisti, Sud. Domnesti. Plants procumbent. Reportedly only location in Romania where this variety occurs. Wild. Seed.

494716 TO 494717. Trifolium campestre Schreb. (Fabaceae) Large hop clover.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494716. T-14. Romania. Collected August 10, 1984. Along canal of Bistrita River, 1 km from Podoleni, 25km S of Piatra-Neamt. 410m. Plants very low growing. Site disturbed, dry. Wild. Seed.

494717. T-22. Romania. Collected August 11, 1984. Natural reserve, 7km S of Suceava. 370m. Wild. Seed.

494718 TO 494719. Trifolium dubium Sibth. (Fabaceae) Small hop clover.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494718. T-10. Romania. Collected August 09, 1984. Open field along Road 73-A, 12km W of Predeal. Path growth very limited in mixture with pasture grasses. Wild. Seed.

494719. T-17. Romania. Collected August 11, 1984. Natural reserve, 7km S of Suceava. Plants very infrequent. Wild. Seed.

494720. Trifolium echinatum Bieb. (Fabaceae).

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

T-41. Romania. Collected August 19, 1984. Beach sand dunes, Black Sea, Route 39 in Constanta. Plants to 45cm, heavy in seed. Flowers red. Wild. Seed.

494721 TO 494722. Trifolium fragiferum L. (Fabaceae) Strawberry clover.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494721. T-1. Romania. Collected August 08, 1984. Roadside, beech forest zone, Road E-15 between Cimpina and Breaza. 350m. Plants procumbent on disturbed soil. Seeds barely mature. Local name Talpa gistel. Wild. Seed.

494722. T-24. Romania. Collected August 13, 1984. Salt marsh along Hwy 1C, 13km NW of Cluj. Plants very low, apparently grazed. Only few mature seeds. Wild. Seed.

494723 TO 494725. Trifolium hybridum L. (Fabaceae) Alsike clover.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494723. T-9. Romania. Collected August 09, 1984. Roadside bank, Road 73A near Piriul Rece, 10km W of Predeal. Plants about 30cm tall. Wild. Seed.

494724. T-21. Romania. Collected August 11, 1984. Natural reserve, 7km S of Suceava. Plants up to 90cm, growing in swampy places at bottom of hill. Wild. Seed.

494725. T-23. Romania. Collected September 13, 1984. Salt marsh along Hwy 16 about 10km from Cluj-Napoca. Plants about 60cm tall. Most seed immature. Wild. Seed.

494726 TO 494728. Trifolium medium L. (Fabaceae) Zig-zag clover.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494726. T-20. Romania. Collected August 11, 1984. Natural reserve, 7km S of Suceava. 370m. Wild. Seed.

494727. T-26. Romania. Collected August 14, 1984. Brush high on hill, 25km NW of Cluj near Macau. Some plants setting very few seeds. Wild. Seed.

494728. T-29. Romania. Collected August 14, 1984. Roadside on park site of Padureo Foget, 7-8km SW of Cluj. Plants sparce. Wild. Seed.

494729 TO 494732. Trifolium montanum L. (Fabaceae).

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494729. T-19. Romania. Collected August 11, 1982. Natural reserve, 7km S of Suceava. Plants fine-stemmed, with reflexed heads. Wild. Seed.

494730. T-27. Romania. Collected August 14, 1984. Hillside, 25km NW of Cluj near Macau. Plants scattered, abundant. Wild. Seed.

494731. T-30. Romania. Collected September 14, 1984. Grazed pasture, 7-8km SW of Cluj near Padureo Foget. 550-600m. Wild. Seed.

494732. T-38. Romania. Collected August 17, 1984. Unimproved Road 73-C, 5km W of Musetesti, 10km E of Curtea de Arges. 690m. Plants abundent, 15-30cm tall, some in bloom. Wild. Seed.

494733 TO 494734. Trifolium ochroleucum Huds. (Fabaceae).

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494733. T-16. Romania. Collected August 11, 1984. Natural reserve, 7km S of Suceava. 370m. Plants fairly abundant. Wild. Seed.

494734. T-28. Romania. Collected August 14, 1984. Recreation zone of Padureo Foget, 7-8km SW of Cluj. 550-600m. Plants low growing because of grazing. Wild. Seed.

494735 TO 494736. Trifolium pannonicum Jacq. (Fabaceae).

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494735. T-15. Romania. Collected August 11, 1984. Natural reserve, 7km S of Suceava. 370m. Plants abundant, vigorous, managed as hay but not mowed in 1984. Wild. Seed.

494736. T-42. Romania. Collected August 20, 1984. Botanic

494735 TO 494736-continued

Garden, Burcharest College of Agriculture. Plants about 60cm tall. Seeds from two plants. Wild. Seed.

494737 TO 494743. Trifolium pratense L. (Fabaceae) Red clover.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494737. T-6. Romania. Collected August 09, 1984. Along Road 73A near Risnov. Plants fairly small, abundant, mixed with T. alpestre. Wild. Seed.

494738. T-12. Romania. Collected August 09, 1984. Above stream near Road 73A, 15km from Predeal. Plants small. Wild. Seed.

494739. T-13. Romania. Collected August 10, 1984. Creek bottom hayfield, near Siret River, Road E-20, 23km SW of Gheorghe. 490m. Local name Trefoil rocu. Cultivated. Seed.

494740. T-25. Romania. Collected August 14, 1984. Hillside near Macau, 25km NW of Cluj. 500m. Plants abundant, scattered. Wild. Seed.

494741. T-32. Romania. Collected August 16, 1984. Flat dry, open meadow, Craiova People's Park, Craiova. Plants scattered. May be cultivated escapes. Wild. Seed.

494742. T-36. Romania. Collected August 17, 1984. Field along Route 73C, 5km W of Musetesti and 10km E of Curtea de Arges. 690m. Plants scattered. Wild. Seed.

494743. T-37. Romania. Collected August 17, 1984. Roadside bank, Route 65 at Oplasi-Magura jud Dbts, 38km SW of Bitesti. 400m. Plants about 30cm tall. Wild. Seed.

494744 TO 494747. Trifolium repens L. (Fabaceae) White clover.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

494744. T-2. Romania. Collected August 09, 1984. Mountain top, alpine grass zone, near cable car terminal, near Busteni. 2200m. Plants very low growing, grazed by sheep, widely distributed. Pods mostly immature. Perennial Herb. Wild. Seed.

494744 TO 494747-continued

494745. T-3. Romania. Collected August 09, 1984. Along Road 73-A near Risnov. Plants in mixture with grasses. Perennial Herb. Wild. Seed.

494746. T-4. Romania. Collected August 09, 1984. Ditch along Road 73-A near Risnov. Near PI 494745. Heads very dry. Perennial Herb. Wild. Seed.

494747. T-39. Romania. Collected August 17, 1984. Gravely bottom soil, close to creek, near Domnesti on Route 73. Plants low growing, few fairly tall, scattered. Perennial Herb. Wild. Seed.

494748. Vicia cracca L. (Fabaceae) Boreal vetch.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

V-2. Romania. Collected August 10, 1984. Creek bottom hayfield, near Siret River, Road E-20, 23km SW of Gheorghe. 490m. Pods flat, very ripe. Possible escape from cultivation. Wild. Seed.

494749. Vicia dumetorum L. (Fabaceae).

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

V-3. Romania. Collected August 14, 1984. Hillside overlooking Macau, 25km NW of Cluj. 500m. Area partially grazed. Wild. Seed.

494750. Vicia sativa subsp. nigra (L.) Ehrh. (Fabaceae) Blackpod vetch.

From Romania. Collected by Taylor, N.L.; Department of Agronomy, University of Kentucky; Lexington, Kentucky. Received through the 1984 Rumbaugh/Taylor Exploration in Romania. Received January 1985.

V-1. Romania. Collected August 10, 1984. Creek bottom hayfield near Siret River, Road E20, 23km SW of Gheorghe. 490m. Plants viney, very mature. Pods long, narrow. May be escape from cultivation. Wild. Seed.

494751. Spinacia turkestanica Iljin (Chenopodiaceae).

From Soviet Union. Donated by VIR; Leningrad.
Received February 1985.

VIR 490. Soviet Union. Uzbek SSR. Seed.

494752. Glycine max (L.) Merr. (Fabaceae) Soybean.

From Surinam. Donated by Huiswoud, R.R.; Ministry of Agriculture, Animal Husbandry, Fishery and Forestry; Paramaribo.
Received November 1984.

Laris. Indonesia. Cultivar. Seed.

494753. Prunus cerasus L. (Rosaceae) Sour cherry.

From Yugoslavia. Donated by Ristevski, B.; Zemjodelski Fakultet; Skopje.
Received October 1984.

Sour Chari. Yugoslavia. Cultivar. Budwood.

494754. Prunus salicina Lindl. (Rosaceae) Plum.

From South Africa. Donated by Fruit and Fruit Technology Research Institute; Stellenbosch.
Received October 1984.

Harry Pickstone. South Africa. Tree. Cultivar. Budwood.

494755. Avena sativa L. (Poaceae) Common oat.

From United States. Donated by Graham, W.D.; Department of Agronomy and Soils, Clemson University; Clemson, South Carolina.
Received February 1985.

SC774. Simpson. United States. Ballard/CI 4897. Plants 94cm tall, with semiprostrate juvenile growth habit, medium maturity. Straw strength good. Panicles midsized, equilateral. Seed slender. Adapted to southeast US. Moderately resistant to leaf rust (Puccinnia coronata f sp. avenae). Excellent tolerance to oat mosaic virus (Marmor terrestre var. typicum). Winter Annual. Cultivar. Seed.

494756 TO 494761. Oryza sativa L. (Poaceae) Rice.

From China, Peoples Repub of. Donated by Hunan Academy of

494756 TO 494761-continued
Agricultural Sciences; Changsha.
Received February 1985.

494756. Hunan Early Dwarf No. 2. China, Peoples Repub of. Indica type. Cultivar. Seed.

494757. Hunan Early Dwarf No. 3. China, Peoples Repub of. Indica type. Cultivar. Seed.

494758. Hunan Early Dwarf No. 4. China, Peoples Repub of. Indica type. Cultivar. Seed.

494759. Hunan Early Dwarf No. 7. China, Peoples Repub of. Indica type. Cultivar. Seed.

494760. Hunan Early Dwarf No. 8. China, Peoples Repub of. Indica type. Cultivar. Seed.

494761. Hunan Early Dwarf No. 9. China, Peoples Repub of. Indica type. Cultivar. Seed.

494762 TO 494766. Oryza sativa L. (Poaceae) Rice.

From China, Peoples Repub of. Donated by Zhejiang Academy of Agricultural Sciences; Hangzhou.
Received February 1985.

494762. Er Jing Qing. China, Peoples Repub of. Indica type. Cultivar. Seed.

494763. Hua Qui. China, Peoples Repub of. Indica type. Cultivar. Seed.

494764. Qui Lu Ai 8 Hao. China, Peoples Repub of. Indica type. Cultivar. Seed.

494765. Yuan Feng Zao. China, Peoples Repub of. Indica type. Cultivar. Seed.

494766. Zhen Long 13. China, Peoples Repub of. Indica type. Cultivar. Seed.

494767. Hordeum vulgare L. (Poaceae) Barley.

From Canada. Donated by Helm, J.H.; Field Crops Branch, Alberta Agriculture; Lacombe, Alberta.
Received February 1985.

BT 521. Canada. H12-4816/P181. Plants diploid, six row type, short, to 77cm tall. Maturity midseason. Straw strong. Spikes semi-nodding. Seeds covered, long, medium

494767-continued

wide, resistant to shattering. Malting quality poor. Protein content intermediate. Acid soil and drought tolerance fair. Spring Annual. Cultivar. Seed.

494768 TO 494769. Amaranthus hybridus L. (Amaranthaceae).

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy. Received August 1983.

494768. ZFA 3156. Zambia. Latitude: 12 deg S; Longitude: 026 deg 10 m E. Collected June 18, 1982. Lwamakanda, 27km SW of Solwezi, Northwestern Province. Leaves used as food. Local name Lenga Lenga. Weedy. Seed.

494769. ZFA 3209. Zambia. Seed.

494770 TO 494777. Amaranthus sp. (Amaranthaceae).

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy. Received August 1983.

494770. ZFA 3256. Zambia. Latitude: 13 deg S; Longitude: 025 deg 15 m E. Collected June 22, 1982. Sangelenge, 13km from Kabompo to Chizela, Northwestern Province. Local name Lenga Lenga. Seed.

494771. ZFA 3330. Zambia. Latitude: 13 deg 50 m S; Longitude: 023 deg 50 m E. Collected June 23, 1982. Farmstore, Nyakakone, 83km from Kubompo to Zambezi, Northwestern Province. Local name Lenga Lenga. Annual. Primitive Cultivar. Seed.

494772. ZFA 3421. Zambia. Latitude: 11 deg 50 m S; Longitude: 024 deg 10 m E. Collected June 26, 1982. Backyard, 9km SE of Mwinilunga, Northwestern Province. Local name Lenga Lenga (Mulengu lunda). Annual. Primitive Cultivar. Seed.

494773. ZFA 3451. Zambia. Latitude: 12 deg 15 m S; Longitude: 025 deg 30 m E. Collected June 27, 1982. Backyard, Kabompo River, 110km fr Mwinilunga to Solwezi, Northwestern Prov. Local name Lenga Lenga (Mulengu). Annual. Primitive Cultivar. Seed.

494774. ZFA 3538. Zambia. Latitude: 10 deg S; Longitude: 030 deg E. Collected July 04, 1982. Farmstore, Sampa Farm, 9km N

494770 TO 494777-continued

of Luwingu, Northern Province. 1500m. Annual. Primitive Cultivar. Seed.

494775. ZFA 3547. Zambia. Latitude: 10 deg S; Longitude: 030 deg E. Farmstore, Sampa Farm, 8km N of Luwingu, Northern Province. 1500m. Local name Luwanga (Bemba). Annual. Primitive Cultivar. Seed.

494776. ZFA 3616. Zambia. Latitude: 09 deg 45 m S; Longitude: 028 deg 50 m E. Farmland, Mbereshi, Luapula Province. Primitive Cultivar. Seed.

494777. ZFA 3653. Zambia. Latitude: 09 deg 30 m S; Longitude: 030 deg 05 m E. Backyard, Ntamba village, 10km from Mporokoso to Kawambwa, Northern Prov. 1610m. Primitive Cultivar. Seed.

494778 TO 494814. Arachis hypogaea L. (Fabaceae) Peanut.

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy. Received August 1983.

494778. ZFA 3147. Zambia. Latitude: 12 deg S; Longitude: 026 deg 10 m E. Collected June 18, 1982. Farmstore, Lwamakanda, 27km SW of Solwezi, Northwestern Province. Local name Chalimbana or Nyamuzuola. Annual. Primitive Cultivar. Seed.

494779. ZFA 3167. Zambia. Latitude: 13 deg S; Longitude: 025 deg 50 m E. Collected June 19, 1982. Farmland, 25km from Solwezi to Kasempa, Northwestern Province. Local name Makulu Red. Annual. Cultivar. Seed.

494780. ZFA 3186. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Collected June 19, 1982. Farmstore, Kayimbwe, 128km from Solwezi to Kasempa, Northwestern Province. Primitive Cultivar. Seed.

494781. ZFA 3211. Zambia. Latitude: 13 deg 50 m S; Longitude: 025 deg 30 m E. Collected June 20, 1982. Farmstore, Lwamabembe, 41km SW of Kasempa, Northwestern Province. Local name Nyimu. Annual. Primitive Cultivar. Seed.

494782. ZFA 3248. Zambia. Latitude: 13 deg S; Longitude: 025 deg 15 m E. Farmstore, Chizela, 147km from Ksempa to Kabompo, Northwestern Province. Annual. Primitive Cultivar. Seed.

494783. ZFA 3281. Zambia. Latitude: 13 deg 30 m S; Longitude: 024 deg 10 m E. Collected June 27, 1982. Farmstore,

494778 TO 494814-continued

Chimbonde, 11km N of Mayinga, Northwestern Province. Primitive Cultivar. Seed.

494784. ZFA 3294. Zambia. Latitude: 13 deg 30 m S; Longitude: 024 deg 10 m E. Collected June 23, 1982. Farmstore, Mufuli, 43km from Kabompo to Zambezi, Northwestern Province. Annual. Primitive Cultivar. Seed.

494785. ZFA 3301. Zambia. Latitude: 13 deg 30 m S; Longitude: 024 deg 10 m E. Collected June 23, 1982. Farmstore, Mufuli, 43km from Kabompo to Zambezi, Northwestern Province. Annual. Primitive Cultivar. Seed.

494786. ZFA 3314. Zambia. Latitude: 13 deg 50 m S; Longitude: 024 deg 05 m E. Collected June 23, 1982. Farmstore, Mubeji, 63km from Kabompo to Zambezi, Northwestern Province. Annual. Primitive Cultivar. Seed.

494787. ZFA 3319. Zambia. Latitude: 13 deg 50 m S; Longitude: 023 deg 50 m E. Collected June 23, 1982. Farmstore, Nyakakona, 83km Kubompo to Zambezi, Northwestern Province. Annual. Primitive Cultivar. Seed.

494788. ZFA 3329. Zambia. Latitude: 13 deg 50 m S; Longitude: 023 deg 50 m E. Collected June 23, 1982. Farmstore, Nyakakona, 83km Kubompo to Zambezi, Northwestern Province. Annual. Primitive Cultivar. Seed.

494789. ZFA 3331. Zambia. Latitude: 13 deg 50 m S; Longitude: 023 deg 50 m E. Collected June 23, 1982. Farmstore, Nyakakona, 83km Kubompo to Zambezi, Northwestern Province. Pericarp red and white. Local name Chipata. Annual. Seed.

494790. ZFA 3344. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Collected June 28, 1982. Village market, Solwezi, Northwestern Province. Annual. Primitive Cultivar. Seed.

494791. ZFA 3358. Zambia. Latitude: 13 deg 30 m S; Longitude: 023 deg E. Collected June 23, 1982. Farmstore, Makandakunda, 16km from Zambezi to Chavuma, Northwestern Prov. Annual. Primitive Cultivar. Seed.

494792. ZFA 3368. Zambia. Latitude: 13 deg 30 m S; Longitude: 013 deg E. Collected June 24, 1982. Farmstore, 18km from Zambezi to Chavuma, Northwestern Province. Annual. Primitive Cultivar. Seed.

494793. ZFA 3409. Zambia. Collected June 26, 1982. Farmland, 7km SE of Mwinilunga, Northwestern Province. Local name Makulu Red. Annual. Primitive Cultivar. Seed.

494794. ZFA 3410. Zambia. Latitude: 11 deg 45 m S; Longitude:

024 deg 10 m E. Collected June 26, 1982. Farmland, 7km SE of Mwinilunga, Northwestern Province. Local name Charimbana. Annual. Primitive Cultivar. Seed.

494795. ZFA 3415. Zambia. Latitude: 11 deg 45 m S; Longitude: 024 deg 10 m E. Collected June 26, 1982. Farmstore, 9km SE of Mwinilunga, Northwestern Province. Annual. Primitive Cultivar. Seed.

494796. ZFA 3469. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Collected June 28, 1982. Farmstore, Solwezi, Northwestern Province. Local name Mukulu Red. Annual. Cultivar. Seed.

494797. ZFA 3486. Zambia. Latitude: 12 deg 05 m S; Longitude: 026 deg 10 m E. Collected June 28, 1982. Farmstore, Kawita, 15km NW of Solwezi, Northwestern Province. Local name Charimbana. Annual. Primitive Cultivar. Seed.

494798. ZFA 3496. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Collected June 28, 1982. Village market, Solwezi, Northwestern Province. Annual. Primitive Cultivar. Seed.

494799. ZFA 3497. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Collected June 28, 1982. Village market, Solwezi, Northwestern Province. Annual. Primitive Cultivar. Seed.

494800. ZFA 3507. Zambia. Latitude: 10 deg 10 m S; Longitude: 031 deg 11 m E. Collected July 03, 1982. Village market, Kasama, Northern Province. Primitive Cultivar. Seed.

494801. ZFA 3510. Zambia. Latitude: 10 deg 10 m S; Longitude: 031 deg 11 m E. Collected July 03, 1982. Mpanda, 28km from Kasama to Luwingu, Northern Province. Annual. Primitive Cultivar. Seed.

494802. ZFA 3525. Zambia. Latitude: 10 deg 13 m S; Longitude: 029 deg 58 m E. Collected July 03, 1982. Farmstore, Chitochi, 116km from Kasama to Luwingu, Northern Province. Annual. Primitive Cultivar. Seed.

494803. ZFA 3529. Zambia. Latitude: 10 deg 13 m S; Longitude: 029 deg 58 m E. Collected July 04, 1982. Village market, Mwingu, Northern Province. Primitive Cultivar. Seed.

494804. ZFA 3532. Zambia. Latitude: 09 deg 55 m S; Longitude: 030 deg E. Collected July 04, 1982. Farmstore, Sampa Farm, 9km N of Luwingu, Northern Province. 1500m. Annual. Primitive Cultivar. Seed.

494805. ZFA 3556. Zambia. Latitude: 10 deg 13 m S; Longitude:

494778 TO 494814-continued

029 deg 58 m E. Collected July 04, 1982. Farmstore, Nakampemba, 5km E of Luwingu to Kasama, Northern Province. 1575m. Annual. Primitive Cultivar. Seed.

494806. ZFA 3563. Zambia. Collected July 05, 1982. Farmstore, Chimfuntu, 132km from Manga to Kawambwa, Luapula Province. 1400m. Local name Chikondo. Annual. Primitive Cultivar. Seed.

494807. ZFA 3588. Zambia. Latitude: 10 deg S; Longitude: 028 deg 45 m E. Collected July 05, 1982. Farmstore, Muyembe, 23km from Kawambwa to Manga, Luapula Province. 1400m. Local name Chikondo. Annual. Primitive Cultivar. Seed.

494808. ZFA 3594. Zambia. Latitude: 10 deg S; Longitude: 028 deg 45 m E. Collected July 05, 1982. Farmstore, Muyembe, 23km from Kawambwa to Manga, Luapula Province. 1400m. Annual. Primitive Cultivar. Seed.

494809. ZFA 3605. Zambia. Latitude: 09 deg 55 m S; Longitude: 028 deg 50 m E. Collected July 06, 1982. Village market, Kawambwa, 165km N of Mansa, Luapula Province. 1500m. Primitive Cultivar. Seed.

494810. ZFA 3610. Zambia. Latitude: 09 deg 45 m S; Longitude: 028 deg 50 m E. Collected July 06, 1982. Mbereshi Farmer Training Center, 38km W of Kawambwa, Luapula Province. 1200m. Local name Nachikwondo. Annual. Primitive Cultivar. Seed.

494811. ZFA 3620. Zambia. Latitude: 09 deg 45 m S; Longitude: 028 deg 50 m E. Collected July 06, 1982. Farmstore, Mbershi, Luapula Province. Annual. Primitive Cultivar. Seed.

494812. ZFA 3631. Zambia. Latitude: 09 deg 30 m S; Longitude: 030 deg 05 m E. Collected July 07, 1982. Farmstore, Mtamba, 10km from Mporokoso to Kawawambwa, Northern Province. 1610m. Annual. Primitive Cultivar. Seed.

494813. ZFA 3679. Zambia. Latitude: 09 deg S; Longitude: 030 deg 05 m E. Collected July 07, 1982. Farmstore, Munyere, 24km from Mporokoso to Kaputa, Northern Province. 1000m. Annual. Primitive Cultivar. Seed.

494814. ZFA 3688. Zambia. Latitude: 09 deg 55 m S; Longitude: 030 deg E. Collected July 07, 1982. Farmstore, Mukupa Kaoma, Northern Province. Annual. Primitive Cultivar. Seed.

494815 TO 494821. Citrullus lanatus (Thunb.) Matsum. & Nakai

494815 TO 494821-continued
(Cucurbitaceae) Watermelon.

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy.
Received August 1983.

494815. ZFA 3210. Zambia. Collected June 20, 1982. Farmstore, Lwamabembe, 41km SW of Kasempa, Northwestern Province. Local name Inamunwa. Received as Cucurbita sp. Annual. Primitive Cultivar. Seed.

494816. ZFA 3271. Zambia. Seed.

494817. ZFA 3288. Zambia. Latitude: 13 deg 15 m S; Longitude: 025 deg 10 m E. Collected June 22, 1982. Farmstore, Nyachawa, 6km N of Kabompo, Northwestern Province. Fruit not sweet. Annual. Primitive Cultivar. Seed.

494818. ZFA 3317. Zambia. Latitude: 13 deg 45 m S; Longitude: 024 deg 10 m E. Collected June 23, 1982. Farmstore, Mubeji, 63km from Kabompo to Zambezi, Northwestern Province. Seed dried and eaten on fish. Local name Lilengela. Received as Cucurbita sp. Annual. Primitive Cultivar. Seed.

494819. ZFA 3333. Zambia. Latitude: 13 deg 50 m S; Longitude: 023 deg 50 m E. Collected June 23, 1982. Farmstore, Nyakakona, 83km from Kubompo to Zambezi, Northwestern Province. Received as Cucurbita sp. Annual. Primitive Cultivar. Seed.

494820. ZFA 3335. Zambia. Latitude: 13 deg 50 m S; Longitude: 023 deg 50 m E. Collected June 23, 1982. Farmstore, Nyakakona, 83km from Kubompo to Zambezi, Northwestern Province. Received as Cucurbita sp. Annual. Primitive Cultivar. Seed.

494821. ZFA 3381. Zambia. Latitude: 13 deg 30 m S; Longitude: 023 deg E. Collected June 24, 1982. Farmstore, Chikumina, 25km E of Chavuma, Northwestern Province. Received as Cucurbita sp. Annual. Primitive Cultivar. Seed.

494822. Cucumis sativus L. (Cucurbitaceae) Cucumber.

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy.
Received August 1983.

ZFA 3222. Zambia. Latitude: 13 deg 45 m S; Longitude:

494822-continued

025 deg 30 m E. Collected June 20, 1982. Farmstore, Typintombo, 17km from Kasempa to Kabu, Northwestern Province. Fruit large, yellow. Primitive Cultivar. Seed.

494823 TO 494825. Cucumis sp. (Cucurbitaceae).

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy. Received August 1983.

494823. ZFA 3285. Zambia. Latitude: 13 deg S; Longitude: 025 deg 15 m E. Collected June 22, 1982. Farmstore, Nyachava, 6km N of Kabompo, Northwestern Province. Fruit small. Fruit eaten fresh with or without spine. Local name Kasakwa. Annual. Primitive Cultivar. Seed.

494824. ZFA 3310. Zambia. Latitude: 13 deg 50 m S; Longitude: 024 deg 10 m E. Collected June 23, 1982. Farmstore, Mubeji, 63km from Kabompo to Zambezi, Northwestern Province. Fruit small. Annual. Primitive Cultivar. Seed.

494825. ZFA 3555. Zambia. Latitude: 10 deg S; Longitude: 030 deg 10 m E. Collected July 04, 1982. Farmstore, Nakampemba, 5km E of Luwingu, Northern Province. 1575m. Local name Mankowbwe. Received as Citrullus vulgaris. Annual. Primitive Cultivar. Seed.

494826 TO 494843. Cucurbita maxima Duch. (Cucurbitaceae) Winter squash.

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy. Received August 1983.

494826. ZFA. Zambia. Received as Cucumis sp. Seed.

494827. ZFA 3177. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Farmland, Matebo, 82km from Solwezi to Kasempa, Northwestern Province. Received as Cucurbita moschata. Annual. Primitive Cultivar. Seed.

494828. ZFA 3205. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 45 m E. Collected June 20, 1982. Farmstore, Lwamabembe, 41km SW of Kasempa, Northwestern Province. Local name Kilenge. Received as Cucurbita moschata. Annual. Primitive Cultivar. Seed.

494829. ZFA 3207. Zambia. Latitude: 13 deg 50 m S; Longitude:

025 deg E. Collected June 20, 1982. Farmstore, Lwamabembe, 41km SW of Kasempa, Northwestern Province. Fruit shape flat. Received as Cucurbita moschata. Annual. Primitive Cultivar. Seed.

494830. ZFA 3252. Zambia. Latitude: 13 deg S; Longitude: 025 deg 15 m E. Collected June 20, 1982. Farmstore, Chizela, 147km from Ksempa to Kabompo, Northwestern Province. Fruit shape elongated. Received as Cucurbita moschata. Annual. Primitive Cultivar. Seed.

494831. ZFA 3253. Zambia. Latitude: 13 deg S; Longitude: 025 deg 15 m E. Collected June 21, 1982. Farmstore, Chizela, 147km from Ksempa to Kabompo, Northwestern Province. Fruit round. Received as Cucurbita moschata. Annual. Primitive Cultivar. Seed.

494832. ZFA 3266. Zambia. Latitude: 13 deg S; Longitude: 025 deg 15 m E. Collected June 22, 1982. Farmstore, Kayinyua, E 18km from Kabompo to Chizela, Northwestern Province. Fruit large. Received as Cucurbita moschata. Annual. Primitive Cultivar. Seed.

494833. ZFA 3316. Zambia. Latitude: 13 deg 45 m S; Longitude: 024 deg 10 m E. Collected June 23, 1982. Farmstore, Mubeji, 63km from Kabompo to Zambezi, Northwestern Province. Received as Cucurbita moschata. Annual. Primitive Cultivar. Seed.

494834. ZFA 3378. Zambia. Latitude: 13 deg 30 m S; Longitude: 023 deg E. Collected June 24, 1982. Farmstore, Chikumina, 25km E of Chavuma, Northwestern Province. Leaves and fruit eaten. Local name Tumaka. Received as Cucurbita moschata. Annual. Primitive Cultivar. Seed.

494835. ZFA 3389. Zambia. Latitude: 13 deg 30 m S; Longitude: 023 deg E. Collected June 24, 1982. Farmstore, Chinyingi, Zambezi to Chavuma, Northwestern Province. Received as Cucurbita moschata. Annual. Primitive Cultivar. Seed.

494836. ZFA 3394. Zambia. Latitude: 13 deg 45 m S; Longitude: 022 deg 50 m E. Collected June 24, 1982. Farmstore, Mize, 6km from W bank of Zambezi, Northwestern Province. Received as Cucurbita moschata. Annual. Primitive Cultivar. Seed.

494837. ZFA 3399. Zambia. Latitude: 13 deg 45 m S; Longitude: 022 deg 50 m E. Collected June 24, 1982. Farmstore, Mize, 6km from W bank of Zambezi, Northwestern Province. Received as Cucurbita moschata. Annual. Primitive Cultivar. Seed.

494838. ZFA 3455. Zambia. Latitude: 12 deg 10 m S; Longitude:

025 deg 30 m E. Collected June 27, 1982. Farmstore, Kabompo River, from Mwinilunga to Solwezi, Northwestern Province. Local name Kateuda. Received as Cucurbita moschata. Primitive Cultivar. Seed.

494839. ZFA 3545. Zambia. Latitude: 09 deg 55 m S; Longitude: 030 deg 05 m E. Collected July 04, 1982. Farmstore, Sampa Farm, 9km N of Luwingu, Northern Province. Received as Cucurbita moschata. Primitive Cultivar. Seed.

494840. ZFA 3569. Zambia. Collected July 05, 1982. Farmstore, Chimfuntu, 132km from Mansa to Kawambwa, Luapula Province. 1400m. Received as Cucurbita moschata. Annual. Primitive Cultivar. Seed.

494841. ZFA 3576. Zambia. Latitude: 10 deg S; Longitude: 028 deg 45 m E. Collected July 05, 1982. Farmstore, Muyembe, 23km from Kawambwa to Mansa, Luapula Province. 1400m. Received as Cucurbita moschata. Annual. Primitive Cultivar. Seed.

494842. ZFA 3633. Zambia. Latitude: 09 deg 30 m S; Longitude: 030 deg 05 m E. Collected July 07, 1982. Farmstore, Mtamba village, Northern Province. 1610m. Received as Cucurbita moschata. Annual. Primitive Cultivar. Seed.

494843. ZFA 3665. Zambia. Latitude: 09 deg S; Longitude: 030 deg 10 m E. Collected July 07, 1982. Farmstore, Munyere, 24km from Mporokoso to Kaputa, Northern Province. 1500m. Received as Cucurbita moschata. Annual. Primitive Cultivar. Seed.

494844 TO 494850. Cucurbita moschata (Duch.) Duch. ex Poir. (Cucurbitaceae) Squash.

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy. Received August 1983.

494844. ZFA 3178. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Farmland, Matebo, 82km from Solwezi to Kasempa, Northwestern Province. Annual. Primitive Cultivar. Seed.

494845. ZFA 3206. Zambia. Latitude: 13 deg 50 m S; Longitude: 025 deg E. Collected June 20, 1982. Farmstore, Lwamabembe, 41km SW of Kasempa, Northwestern Province. Fruit flattish in shape. Local name Musungu. Annual. Primitive Cultivar. Seed.

494846. ZFA 3214. Zambia. Latitude: 14 deg S; Longitude: 025 deg

E. Collected June 20, 1982. Farmland, Lwamabembe, 41km SW of Kasempa, Northwestern Province. Local name Bunganabutu. Received as Manihot esculentus. Annual. Primitive Cultivar. Seed.

494847. ZFA 3272. Zambia. Latitude: 13 deg S; Longitude: 025 deg 30 m E. Collected June 22, 1982. Farmstore, Mayinga, 27km E of Kabompo to Chizela, Northwestern Province. Annual. Primitive Cultivar. Seed.

494848. ZFA 3334. Zambia. Latitude: 13 deg 50 m S; Longitude: 023 deg 50 m E. Collected June 23, 1982. Farmstore, Nyakakona, 83km from Kubompo to Zambezi, Northwestern Province. Mixture of Cucurbita moschata and Cucurbita maxima. Annual. Primitive Cultivar. Seed.

494849. ZFA 3345. Zambia. Latitude: 13 deg 40 m S; Longitude: 023 deg E. Collected June 23, 1982. Farmstore, Njoka, 7km from Zambezi to Chavuma, Northwestern Province. Annual. Primitive Cultivar. Seed.

494850. ZFA 3550. Zambia. Latitude: 10 deg 10 m S; Longitude: 031 deg 10 m E. Collected July 04, 1982. Farmstore, Nakampemba, 5km E of Luwingu, Northern Province. Received as Cucurbita sp. Mixture of Cucurbita moschata and Cucurbita maxima. Primitive Cultivar. Seed.

494851. Glycine max (L.) Merr. (Fabaceae) Soybean.

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy.
Received August 1983.

ZFA 3475. Zambia. Latitude: 12 deg S; Longitude: 026 deg E. Collected June 28, 1982. Farmers Training Institute, Chafukuma, 20km NW of Solwezi,Northwestern Prov. Annual. Primitive Cultivar. Seed.

494852 TO 494854. Gossypium sp. (Malvaceae) Cotton.

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy.
Received August 1983.

494852. ZFA 3453. Zambia. Latitude: 12 deg 15 m S; Longitude: 025 deg 30 m E. Collected June 27, 1982. Farmstore, Kabompo River, 110km fr Mwinilunga to Solwezi,

494852 TO 494854-continued
Northwestern Prov. Local name Wanda. Annual. Primitive Cultivar. Seed.

494853. ZFA 3562. Zambia. Collected July 05, 1982. Farmstore, Chimfuntu, 132km from Mansa to Kawambwa, Luapula Province. 1400m. Perennial Herb. Primitive Cultivar. Seed.

494854. ZFA 3682. Zambia. Latitude: 09 deg S; Longitude: 030 deg 10 m E. Collected July 07, 1982. Farmstore, Munyere, 24km from Mporokoso to Kaputa, Northern Province. 1500m. Annual. Primitive Cultivar. Seed.

494855 TO 494864. Helianthus annuus L. (Asteraceae) Sunflower.

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy. Received August 1983.

494855. ZFA 3223. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 30 m E. Collected June 20, 1982. Farmland, Kanjibiji, 18km from Kasempa, Northwestern Province. Annual. Cultivar. Seed.

494856. ZFA 3224. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 30 m E. Farmland, Kanjibiji, 18km from Kasempa, Northwestern Province. Annual. Cultivar. Seed.

494857. ZFA 3225. Zambia. Seed.

494858. ZFA 3229. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 30 m E. Farmstore, Kanjibiji, 18km from Kasempa, Northwestern Province. Seed used for oil only. Annual. Cultivar. Seed.

494859. ZFA 3245. Zambia. Latitude: 13 deg S; Longitude: 025 deg 15 m E. Collected June 21, 1982. Farmstore, Chizela, 147km from Ksempa to Kabompo, Northwestern Province. Local name Composite A. Annual. Cultivar. Seed.

494860. ZFA 3246. Zambia. Latitude: 13 deg S; Longitude: 025 deg 15 m E. Farmstore, Chizela, 147km from Ksempa to Kabompo, Northwestern Province. Annual. Cultivar. Seed.

494861. ZFA 3473. Zambia. Latitude: 12 deg S; Longitude: 025 deg 50 m E. Collected June 28, 1982. Farmers Training Institute, Chafukuma, 20km NW Solwezi, Northwestern Prov. Local name Composite A. Annual. Cultivar. Seed.

494862. ZFA 3476. Zambia. Latitude: 12 deg S; Longitude: 025 deg 50 m E. Collected June 28, 1982. Farmers Training

494855 TO 494864-continued
Institute, Chafukuma, 20km NW Solwezi, Northwestern Prov. Local name Black Giant. Annual. Cultivar. Seed.

494863. ZFA 3608. Zambia. Latitude: 09 deg 45 m S; Longitude: 028 deg 50 m E. Collected July 06, 1982. Farmers Training Center Institute, Mbereshi, Luapula Province. 1200m. Annual. Cultivar. Seed.

494864. ZFA 3690. Zambia. Latitude: 09 deg 55 m S; Longitude: 030 deg E. Collected July 07, 1982. Farmstore, Mukupa Kaoma, Northern Province. 1680m. Annual. Primitive Cultivar. Seed.

494865 TO 494872. Lagenaria siceraria (Mol.) Standl. (Cucurbitaceae) Bottle gourd.

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy. Received August 1983.

494865. ZFA 3251. Zambia. Latitude: 13 deg S; Longitude: 025 deg 10 m E. Farmstore, Chizela, 147km from Ksempa to Kabompo, Northwestern Province. Received as Cucurbita sp. Annual. Primitive Cultivar. Seed.

494866. ZFA 3311. Zambia. Latitude: 13 deg 50 m S; Longitude: 024 deg 10 m E. Collected June 23, 1982. Farmstore, Mubeji, 63km from Kabompo to Zambezi, Northwestern Province. Fruit boiled after cutting and eaten. Received as Cucumis sp. Annual. Primitive Cultivar. Seed.

494867. ZFA 3350. Zambia. Latitude: 13 deg 45 m S; Longitude: 023 deg E. Collected June 23, 1982. Farmstore, Njoke, 7km from Zambezi to Chavuma, Northwestern Province. Received as Cucumis sp. Annual. Primitive Cultivar. Seed.

494868. ZFA 3380. Zambia. Latitude: 13 deg 15 m S; Longitude: 023 deg E. Collected June 24, 1982. Chikumina, 25km E of Chavuma, Northwestern Province. Leaves and fruit eaten. Local name Machimpa. Received as Cucurbita sp. Annual. Seed.

494869. ZFA 3456. Zambia. Latitude: 12 deg 15 m S; Longitude: 025 deg 30 m E. Collected June 27, 1982. Backyard, Kabompo River, from Mwinilunga to Solwezi, Northwestern Province. Received as Cucumis sp. Annual. Primitive Cultivar. Seed.

494870. ZFA 3583. Zambia. Latitude: 10 deg S; Longitude: 028 deg 45 m E. Collected July 05, 1982. Backyard, Muyembe, 23km

494865 TO 494872-continued

from Kawambwa to Mansa, Luapula Province. 1400m. Received as Cucurbita sp. Primitive Cultivar. Seed.

494871. ZFA 3627. Zambia. Latitude: 09 deg 45 m S; Longitude: 028 deg 50 m E. Collected July 06, 1982. Farmstore, Mbereshi, Luapula Province. Received as Cucurbita sp. Primitive Cultivar. Seed.

494872. ZFA 3655. Zambia. Latitude: 09 deg 30 m S; Longitude: 030 deg 10 m E. Collected July 07, 1982. Farmstore, Mtamba Village, Northern Province. 1610m. Received as Cucumis sp. Primitive Cultivar. Seed.

494873. Luffa sp. (Cucurbitaceae).

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy. Received August 1983.

ZFA 3546. Zambia. Latitude: 09 deg 55 m S; Longitude: 030 deg 05 m E. Collected July 04, 1982. Farmstore, Sampa Farm, 9km N of Luwingu, Northern Province. 1500m. Received as Cucumis sp. Annual. Primitive Cultivar. Seed.

494874 TO 494877. Mucuna pruriens (L.) DC. (Fabaceae) Cowage velvetbean.

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy. Received August 1983.

494874. ZFA 3427. Zambia. Latitude: 11 deg 50 m S; Longitude: 024 deg 15 m E. Collected June 26, 1982. Backyard, Kapemba, 5km SE of Mwinilunga to Kanongesha, Northwestern Prov. Used as a fodder crop and green manure. Primitive Cultivar. Seed.

494875. ZFA 3435. Zambia. Latitude: 12 deg 05 m S; Longitude: 024 deg 15 m E. Collected June 27, 1982. Backyard, Kabompo River, from Mwinilunga to Solwezi, Northwestern Province. Bean fried, pounded, mixed with sugar, used as coffee. Annual. Primitive Cultivar. Seed.

494876. ZFA 3503. Zambia. Latitude: 10 deg 10 m S; Longitude: 031 deg 11 m E. Mr. Pathel's collection, Kasama, Northern Province. Primitive Cultivar. Seed.

494874 TO 494877-continued

494877. ZFA 3577. Zambia. Latitude: 10 deg S; Longitude: 028 deg 45 m E. Collected July 05, 1982. Backyard, Muyembe, 23km from Kawambwa to Mansa, Luapula Province. 1400m. Bean ash color. Local name coffee. Annual. Primitive Cultivar. Seed.

494878 TO 494883. Nicotiana tabacum L. (Solanaceae) Tobacco.

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy. Received August 1983.

494878. ZFA 3544. Zambia. Latitude: 09 deg 55 m S; Longitude: 030 deg 05 m E. Collected July 04, 1982. Backyard, Sampa Farm, 9km N of Luwingu, Northern Province. 1500m. Annual. Primitive Cultivar. Seed.

494879. ZFA 3561. Zambia. Collected July 05, 1982. Backyard, Kapaso, 127km from Mansa to Kawambwa, Luapula Province. 1350m. Primitive Cultivar. Seed.

494880. ZFA 3564. Zambia. Collected July 05, 1982. Backyard, Chimfuntu, 132km from Mansa to Kawambwa, Luapula Province. 1400m. Local name Katete. Annual. Primitive Cultivar. Seed.

494881. ZFA 3591. Zambia. Latitude: 10 deg S; Longitude: 028 deg 45 m W. Collected July 05, 1982. Farmstore, Muyembe, 23km from Kawambwa to Mansa, Luapula Province. 1400m. Primitive Cultivar. Seed.

494882. ZFA 3644. Zambia. Latitude: 09 deg 30 m S; Longitude: 030 deg 05 m E. Collected July 07, 1982. Backyard, Mtamba village, 10km from Mporokoso to Kawambwa, Northern Prov. 1610m. Local name Katete. Annual. Primitive Cultivar. Seed.

494883. ZFA 3659. Zambia. Latitude: 09 deg S; Longitude: 030 deg 10 m E. Collected July 07, 1982. Backyard, Munyere, 24km from Mporokoso to Kaputa, Northern Province. 1500m. Primitive Cultivar. Seed.

494884 TO 494925. Sorghum bicolor (L.) Moench (Poaceae) Sorghum.

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy.

494884 TO 494925-continued
Received August 1983.

494884. ZFA 3161. Zambia. Latitude: 12 deg 15 m S; Longitude: 026 deg E. Collected June 19, 1982. Backyard, 10km from Solwezi to Kasempa, Northwestern Province. Local name Mebele. Annual. Primitive Cultivar. Seed.

494885. ZFA 3162. Zambia. Latitude: 12 deg 15 m S; Longitude: 026 deg 10 m E. Collected June 19, 1982. Backyard, 10km from Solwezi to Kasempa, Northwestern Province. Local name Mebele. Annual. Primitive Cultivar. Seed.

494886. ZFA 3169. Zambia. Seed.

494887. ZFA 3170. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Collected June 19, 1982. Farmland, Mumena, Northwestern Province. Annual. Primitive Cultivar. Seed.

494888. ZFA 3171. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Collected June 19, 1982. Farmland, Mumena, Northwestern Province. Annual. Primitive Cultivar. Seed.

494889. ZFA 3180. Zambia. Seed.

494890. ZFA 3188. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Farmland, Kayimbwe, 128km from Solwezi to Kasempa, Northwestern Province. Annual. Seed.

494891. ZFA 3193. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 30 m E. Collected June 20, 1982. Farmland, Lwamabembe, 41km SW of Kasempa, Northwestern Province. Used for food. Annual. Primitive Cultivar. Seed.

494892. ZFA 3194. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 30 m E. Collected June 20, 1982. Farmland, Lwamabembe, 41km SW of Kasempa, Northwestern Province. Annual. Primitive Cultivar. Seed.

494893. ZFA 3195. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 30 m E. Collected June 20, 1982. Farmland, Lwamabembe, 41km SW of Kasempa, Northwestern Province. Annual. Primitive Cultivar. Seed.

494894. ZFA 3197. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 30 m E. Collected June 20, 1982. Farmland, Lwamabembe, 41km SW of Kasempa, Northwestern Province. Annual. Primitive Cultivar. Seed.

494895. ZFA 3199. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 30 m E. Collected June 20, 1982. Farmland, Lwamabembe, 41km SW of Kasempa, Northwestern Province.

Annual. Primitive Cultivar. Seed.

494896. ZFA 3200. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 30 m E. Collected June 20, 1982. Farmland, Lwamabembe, 41km SW of Kasempa, Northwestern Province. Annual. Primitive Cultivar. Seed.

494897. ZFA 3215. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 45 m E. Collected June 20, 1982. Farmland, Mpungu, 36km from Kasempa, Northwestern Province. Annual. Primitive Cultivar. Seed.

494898. ZFA 3216. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 45 m E. Collected June 20, 1982. Farmland, Mpungu, 36km from Kasempa, Northwestern Province. Annual. Primitive Cultivar. Seed.

494899. ZFA 3217. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 45 m E. Collected June 20, 1982. Farmland, Mpungu, 36km from Kasempa, Northwestern Province. Annual. Primitive Cultivar. Seed.

494900. ZFA 3236. Zambia. Collected June 21, 1982. Farmland, Mukinga, Northwestern Province. Local name Kamuntuwe. Annual. Primitive Cultivar. Seed.

494901. ZFA 3237. Zambia. Collected June 21, 1982. Farmland, Mukinga, Northwestern Province. Annual. Primitive Cultivar. Seed.

494902. ZFA 3238. Zambia. Collected June 21, 1982. Farmland, Mukinga, Northwestern Province. Local name Matete. Annual. Primitive Cultivar. Seed.

494903. ZFA 3240. Zambia. Collected June 21, 1982. Farmland, Mukinga, Northwestern Province. Stalks sweet. Local name Masonge. Annual. Primitive Cultivar. Seed.

494904. ZFA 3241. Zambia. Collected June 21, 1982. Farmland, Mukinga, Northwestern Province. Local name Matete. Bulk seed sample. Annual. Primitive Cultivar. Seed.

494905. ZFA 3242. Zambia. Collected June 21, 1982. Farmland, Mukinga, Northwestern Province. Local name Nyasaland. Annual. Primitive Cultivar. Seed.

494906. ZFA 3243. Zambia. Seed.

494907. ZFA 3244. Zambia. Collected June 21, 1982. Farmland, Mukinga, Northwestern Province. Local name Lukala or Grab. Annual. Primitive Cultivar. Seed.

494908. ZFA 3259. Zambia. Latitude: 13 deg S; Longitude: 025 deg

15 m E. Collected June 22, 1982. Farmstore, Sangelenge, 13km from Kabompo to Chizela, Northwestern Province. Annual. Primitive Cultivar. Seed.

494909. ZFA 3261. Zambia. Latitude: 13 deg S; Longitude: 025 deg 15 m E. Collected June 22, 1982. Farmstore, Kayinyua, 18km E from Kabompo to Chizela, Northwestern Province. Local name Massa. Annual. Primitive Cultivar. Seed.

494910. ZFA 3274. Zambia. Latitude: 13 deg 10 m S; Longitude: 024 deg 45 m E. Farmstore, Luvelenga, 25km from Mayinga to Kabompo, Northwestern Province. Local name Massa. Annual. Primitive Cultivar. Seed.

494911. ZFA 3295. Zambia. Latitude: 13 deg 45 m S; Longitude: 024 deg 20 m E. Collected June 23, 1982. Farmstore, Mufuli, 43km from Kabompo to Zambezi, Northwestern Province. Annual. Primitive Cultivar. Seed.

494912. ZFA 3315. Zambia. Latitude: 13 deg 50 m S; Longitude: 024 deg 10 m E. Collected June 23, 1982. Farmstore, Mubeji, 63km from Kabompo to Zambezi, Northwestern Province. Annual. Primitive Cultivar. Seed.

494913. ZFA 3386. Zambia. Latitude: 13 deg 30 m S; Longitude: 023 deg E. Collected June 24, 1982. Farmstore, Chinyingi, Zambezi to Chavuma, Northwestern Province. Used for beer, pate. Annual. Primitive Cultivar. Seed.

494914. ZFA 3398. Zambia. Collected June 24, 1982. Farmstore, Northwestern Province. Annual. Primitive Cultivar. Seed.

494915. ZFA 3432. Zambia. Latitude: 12 deg 15 m S; Longitude: 024 deg 30 m E. Collected June 27, 1982. Farmland, Kabompo River, 110km fr Mwinilunga to Solwezi, Northwestern Prov. Annual. Primitive Cultivar. Seed.

494916. ZFA 3461. Zambia. Latitude: 12 deg 20 m S; Longitude: 024 deg 50 m E. Collected June 27, 1982. Farmstore, Chilungu, 133km from Mwinilunga to Solwezi, Northwestern Prov. Annual. Primitive Cultivar. Seed.

494917. ZFA 3536. Zambia. Latitude: 09 deg 45 m S; Longitude: 030 deg E. Collected July 04, 1982. Farmstore, Sampa Farm, 8km N of Luwingu, Northern Province. 1500m. Annual. Primitive Cultivar. Seed.

494918. ZFA 3570. Zambia. Collected July 05, 1982. Backyard, Chimfuntu, 132km from Mansa to Kawambwa, Luapula Province. 1400m. Annual. Primitive Cultivar. Seed.

494919. ZFA 3574. Zambia. Latitude: 10 deg S; Longitude: 028 deg 45 m E. Farmstore, Muyembe, 23km from Kawambwa to Mansa,

494884 TO 494925-continued
Luapula Province. 1400m. Annual. Primitive Cultivar. Seed.

494920. ZFA 3621. Zambia. Latitude: 09 deg 45 m S; Longitude: 028 deg 50 m E. Collected July 06, 1982. Farmland, Mbereshi, Luapula Province. 1125m. Grain white. Annual. Primitive Cultivar. Seed.

494921. ZFA 3622. Zambia. Latitude: 09 deg 45 m S; Longitude: 028 deg 50 m E. Farmland, Mbereshi, Luapula Province. Grain red. Annual. Primitive Cultivar. Seed.

494922. ZFA 3645. Zambia. Latitude: 09 deg 30 m S; Longitude: 030 deg 05 m E. Collected July 07, 1982. Farmstore, Mtamba village, Northern Province. 1010m. Annual. Primitive Cultivar. Seed.

494923. ZFA 3652. Zambia. Latitude: 09 deg 30 m S; Longitude: 030 deg 05 m E. Collected July 07, 1982. Farmstore, Mtamba village, Northern Province. 1010m. Primitive Cultivar. Seed.

494924. ZFA 3676. Zambia. Latitude: 09 deg S; Longitude: 030 deg 10 m E. Collected July 07, 1982. Farmstore, Munyere, 24km from Mporokoso to Kaputa, Northern Province. 1500m. Annual. Primitive Cultivar. Seed.

494925. ZFA 3683. Zambia. Latitude: 09 deg 55 m S; Longitude: 030 deg E. Collected July 07, 1982. Farmstore, Mukupa Kaoma, Northern Province. Annual. Primitive Cultivar. Seed.

494926 TO 494927. Triticum aestivum L. (Poaceae) Common wheat.

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana, W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy.
Received August 1983.

494926. ZFA 3145. Zambia. Latitude: 12 deg S; Longitude: 026 deg 10 m E. Collected June 18, 1982. Farmstore, Lwamakanda, 27km SW of Solwezi, Northwestern Province. Farmer experimenting with this line. Donated by an expatriate. Cultivar. Seed.

494927. ZFA 3629. Zambia. Collected July 07, 1982. Farmstore, Mtamba village, Northern Province. 1610m. Used for bread making. Annual. Cultivar. Seed.

494928 TO 495000. Zea mays L. (Poaceae) Corn.

From Zambia. Collected by Attere, F.; Ndumba, E.K.; and Mubiana,

494928 TO 495000-continued

W.; IBPGR; Department of Agriculture; and Department of Agriculture; Rome, Italy; Solwezi, Zambia; and Mansa, Zambia. Received through IBPGR, Rome, Italy. Received August 1983.

494928. ZFA 3140. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Collected June 18, 1982. Farmstore, Solwezi, Northwestern Province. Early maturing. Local name Kapila. Annual. Primitive Cultivar. Seed.

494929. ZFA 3141. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Collected June 18, 1982. Farmstore, Solwezi, Northwestern Province. High yielder without fertilizer. Annual. Primitive Cultivar. Seed.

494930. ZFA 3143. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Collected June 18, 1982. Farmland, Solwezi, Northwestern Province. High yielder without fertilizer. Annual. Seed.

494931. ZFA 3144. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Collected June 18, 1982. Farmstore, Solwezi, Northwestern Province. Poor yielding. Annual. Cultivar. Seed.

494932. ZFA 3148. Zambia. Latitude: 12 deg S; Longitude: 026 deg 10 m E. Collected June 18, 1982. Farmstore, Lwamakanda, 27km SW of Solwezi, Northwestern Province. Possibly three ears per plant. High yielding. Local name Pioneer. Annual. Cultivar. Seed.

494933. ZFA 3157. Zambia. Seed.

494934. ZFA 3158. Zambia. Latitude: 12 deg 15 m S; Longitude: 026 deg 30 m E. Collected June 19, 1982. Backyard, 10km from Solwezi to Kasempa, Northwestern Province. Hybrid. Annual. Seed.

494935. ZFA 3166. Zambia. Seed.

494936. ZFA 3168. Zambia. Latitude: 12 deg 30 m S; Longitude: 026 deg E. Collected June 19, 1982. Farmland, 25km from Solwezi to Kasempa, Northwestern Province. Yield poor. Late planting. Local name SR 52. Annual. Cultivar. Seed.

494937. ZFA 3187. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Collected June 19, 1982. Farmstore, Kayimbwe, 128km from Solwezi to Kasempa, Northwestern Province. Local name SR 52. Annual. Cultivar. Seed.

494938. ZFA 3189. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Farmstore, Kafunfula, 150km from Solwezi to Kamempa, Northwestern Province. Annual. Cultivar. Seed.

494928 TO 495000-continued

494939. ZFA 3190. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 45 m E. Collected June 20, 1982. Farmland, Lwamabembe, 41km SW of Kasempa, Northwestern Province. Local name SR 52. Annual. Seed.

494940. ZFA 3191. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 30 m E. Collected September 20, 1982. Farmland, Lwamabembe, 41km SW of Kasempa, Northwestern Province. Local name Mbonyi. Annual. Primitive Cultivar. Seed.

494941. ZFA 3192. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 30 m E. Collected June 20, 1982. Farmland, Lwamabembe, 41km SW of Kasempa, Northwestern Province. Early maturing. Local name Kapila. Annual. Primitive Cultivar. Seed.

494942. ZFA 3202. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 30 m E. Collected June 20, 1982. Farmstore, Lwamabembe, 41km SW of Kasempa, Northwestern Province. Seed.

494943. ZFA 3219. Zambia. Collected June 20, 1982. Farmstore, Typintombo, 17km from Kasempa to Kabu, Northwestern Province. Primitive Cultivar. Seed.

494944. ZFA 3231. Zambia. Latitude: 09 deg 22 m S; Longitude: 030 deg 06 m E. Collected June 20, 1982. Village market, Mpungu, 36km SW of Kasempa, Northwestern Province. 1625m. Primitive Cultivar. Seed.

494945. ZFA 3232. Zambia. Latitude: 13 deg 45 m S; Longitude: 025 deg 30 m E. Collected June 20, 1982. Farmstore, Kanjibiji, 18km from Kasempa, Northwestern Province. Annual. Primitive Cultivar. Seed.

494946. ZFA 3247. Zambia. Latitude: 13 deg S; Longitude: 025 deg 15 m E. Farmstore, Chizela, 147km from Ksempa to Kabompo, Northwestern Province. Local name Kapila. Annual. Primitive Cultivar. Seed.

494947. ZFA 3249. Zambia. Latitude: 13 deg S; Longitude: 025 deg 15 m E. Farmstore, Chizela, 147km from Ksempa to Kabompo, Northwestern Province. Local name SR 52. Annual. Cultivar. Seed.

494948. ZFA 3255. Zambia. Latitude: 13 deg S; Longitude: 025 deg 30 m E. Collected June 22, 1982. Farmstore, Sangelenge, 13km from Kabompo to Chizela, Northwestern Province. Local name Chivuale. Annual. Primitive Cultivar. Seed.

494949. ZFA 3257. Zambia. Latitude: 13 deg S; Longitude: 025 deg 30 m E. Collected June 22, 1982. Farmstore, Sangelenge,

494928 TO 495000-continued

13km from Kabompo to Chizela, Northwestern Province. Local name Mukanda. Annual. Primitive Cultivar. Seed.

494950. ZFA 3262. Zambia. Latitude: 13 deg S; Longitude: 025 deg 30 m E. Farmstore, Kayinyua, 18km E from Kabompo to Chizela, Northwestern Province. Annual. Primitive Cultivar. Seed.

494951. ZFA 3285. Zambia. Seed.

494952. ZFA 3286. Zambia. Latitude: 13 deg S; Longitude: 025 deg 10 m E. Collected June 22, 1982. Farmstore, Nyachawa, 6km N of Kabompo, Northwestern Province. Local name Chivuale. Annual. Primitive Cultivar. Seed.

494953. ZFA 3289. Zambia. Latitude: 13 deg S; Longitude: 025 deg 10 m E. Collected June 22, 1982. Farmstore, Nyachawa, 6km N of Kabompo, Northwestern Province. Annual. Cultivar. Seed.

494954. ZFA 3290. Zambia. Latitude: 13 deg S; Longitude: 025 deg 10 m E. Collected June 22, 1982. Farmstore, Nyachawa, 6km N of Kabompo, Northwestern Province. Annual. Primitive Cultivar. Seed.

494955. ZFA 3304. Zambia. Latitude: 13 deg 45 m S; Longitude: 024 deg 10 m E. Collected June 23, 1982. Farmstore, Mubeji, 63km from Kabompo to Zambezi, Northwestern Province. Local name Chivwale. Annual. Primitive Cultivar. Seed.

494956. ZFA 3323. Zambia. Latitude: 13 deg 50 m S; Longitude: 025 deg 50 m E. Collected June 23, 1982. Farmstore, Nyakakona, 83km from Kubompo to Zambezi, Northwestern Province. Local, red type. Local name Kangulungu. Annual. Primitive Cultivar. Seed.

494957. ZFA 3332. Zambia. Latitude: 13 deg 50 m S; Longitude: 025 deg 50 m E. Collected June 23, 1982. Farmstore, Nyakakona, 83km from Kubompo to Zambezi, Northwestern Province. Annual. Primitive Cultivar. Seed.

494958. ZFA 3342. Zambia. Latitude: 13 deg 40 m S; Longitude: 023 deg E. Collected June 23, 1982. Farmstore, Njoka, 7km from Zambezi to Chavuma, Northwestern Province. Annual. Primitive Cultivar. Seed.

494959. ZFA 3354. Zambia. Latitude: 13 deg 30 m S; Longitude: 023 deg E. Collected June 23, 1982. Farmstore, Makandakunda, 16km from Zambezi to Chavuma, Northwestern Prov. Annual. Primitive Cultivar. Seed.

494960. ZFA 3362. Zambia. Latitude: 13 deg 30 m S; Longitude:

023 deg E. Collected June 23, 1982. Farmstore, Makandakunda, 16km from Zambezi to Chavuma, Northwestern Prov. Annual. Primitive Cultivar. Seed.

494961. ZFA 3371. Zambia. Latitude: 13 deg 30 m S; Longitude: 023 deg E. Collected June 24, 1982. Farmstore, Kawawa, 18km from Zambezi to Chavuma, Northwestern Province. Annual. Primitive Cultivar. Seed.

494962. ZFA 3379. Zambia. Latitude: 13 deg 15 m S; Longitude: 022 deg 45 m E. Collected June 24, 1982. Farmstore, Chikumina, 25km E of Chavuma, Northwestern Province. Annual. Primitive Cultivar. Seed.

494963. ZFA 3385. Zambia. Latitude: 13 deg 15 m S; Longitude: 022 deg 45 m E. Collected June 24, 1982. Farmstore, Chinyingi, Zambezi to Chavuma, Northwestern Province. Local name Langulungu. Annual. Primitive Cultivar. Seed.

494964. ZFA 3388. Zambia. Latitude: 13 deg 15 m S; Longitude: 022 deg 45 m E. Collected June 24, 1982. Farmstore, Chinyingi, Zambezi to Chavuma, Northwestern Province. Annual. Primitive Cultivar. Seed.

494965. ZFA 3404. Zambia. Latitude: 11 deg 44 m S; Longitude: 024 deg 24 m E. Collected June 26, 1982. Village market, Mwinilunga, Northwestern Province. Primitive Cultivar. Seed.

494966. ZFA 3411. Zambia. Latitude: 12 deg 15 m S; Longitude: 024 deg 20 m E. Collected June 26, 1982. Farmland, 7km SE from Mwinilunga, Northwestern Province. Early maturing type. Local name Kahila. Annual. Primitive Cultivar. Seed.

494967. ZFA 3423. Zambia. Latitude: 11 deg 50 m S; Longitude: 024 deg 15 m E. Collected June 26, 1982. Farmstore, 9km SE of Mwinilunga, Northwestern Province. Local name Kahila. Annual. Primitive Cultivar. Seed.

494968. ZFA 3428. Zambia. Latitude: 11 deg 44 m S; Longitude: 024 deg 24 m E. Farmstore, Kakula, 5km SW of Mwinilunga, Northwestern Province. Local name Kahila. Annual. Primitive Cultivar. Seed.

494969. ZFA 3459. Zambia. Latitude: 12 deg 20 m S; Longitude: 025 deg 30 m E. Collected June 27, 1982. Farmstore, Chilungu, 133km from Mwinilunga to Solwezi, Northwestern Prov. Local name Kapila. Annual. Primitive Cultivar. Seed.

494970. ZFA 3462. Zambia. Latitude: 12 deg 20 m S; Longitude: 025 deg 45 m E. Collected June 27, 1982. Farmstore, Chisasa, 146km from Mwinilunga to Solwezi, Northwestern Province. Local name Kahila. Annual. Primitive Cultivar.

Seed.

494971. ZPA 3468. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Collected June 28, 1982. Farmstore, Solwezi, Northwestern Province. Cobs double. Local name Kasenya/Munyawa. Annual. Primitive Cultivar. Seed.

494972. ZPA 3470. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Collected June 28, 1982. Farmstore, Solwezi, Northwestern Province. Local name Kahila. Annual. Primitive Cultivar. Seed.

494973. ZPA 3471. Zambia. Latitude: 12 deg 11 m S; Longitude: 026 deg 23 m E. Collected June 28, 1982. Farmstore, Solwezi, Northwestern Province. Local name Kahila. Annual. Primitive Cultivar. Seed.

494974. ZPA 3475. Zambia. Latitude: 12 deg S; Longitude: 026 deg E. Collected June 28, 1982. Farmers Training Institute, Chafukuma, 20km NW Solwezi, Northwestern Prov. Annual. Primitive Cultivar. Seed.

494975. ZPA 3477. Zambia. Latitude: 12 deg S; Longitude: 026 deg E. Collected June 28, 1982. Farmers Training Institute, Chafukuma, 20km NW Solwezi, Northwestern Prov. Local name SR 52. Annual. Cultivar. Seed.

494976. ZPA 3478. Zambia. Latitude: 12 deg S; Longitude: 026 deg E. Collected June 28, 1982. Farmstore, Mbutwire, 18km NW of Solwezi, Northwestern Province. Grown in local gardens. Local name Kapila. Annual. Primitive Cultivar. Seed.

494977. ZPA 3483. Zambia. Latitude: 12 deg 05 m S; Longitude: 026 deg 05 m E. Collected June 28, 1982. Farmstore, Kawita, 15km NW of Solwezi, Northwestern Province. Annual. Primitive Cultivar. Seed.

494978. ZPA 3487. Zambia. Latitude: 12 deg 05 m S; Longitude: 026 deg 05 m E. Collected June 28, 1982. Farmstore, Kawita, 15km NW of Solwezi, Northwestern Province. Early maturing type. Local name Kapila. Annual. Primitive Cultivar. Seed.

494979. ZPA 3516. Zambia. Latitude: 10 deg 10 m S; Longitude: 031 deg 11 m E. Collected July 03, 1982. Farmstore, Kafula, 42km from Kasama to Luwingu, Northern Province. Annual. Primitive Cultivar. Seed.

494980. ZPA 3517. Zambia. Latitude: 10 deg 10 m S; Longitude: 031 deg 11 m E. Collected July 03, 1982. Farmstore, Mukonta, 58km from Kasama to Luwingu, Northern Province. 1500m. Annual. Cultivar. Seed.

494981. ZFA 3520. Zambia. Latitude: 10 deg 13 m S; Longitude: 029 deg 58 m E. Collected July 03, 1982. Farmstore, Mpalapata, 103km from Kasama to Luwingu, Northern Province. Annual. Primitive Cultivar. Seed.

494982. ZFA 3522. Zambia. Latitude: 10 deg 13 m S; Longitude: 029 deg 58 m E. Collected July 03, 1982. Farmstore, Chitochi, 116km from Kasama to Luwingu, Northern Province. 1425m. Annual. Cultivar. Seed.

494983. ZFA 3526. Zambia. Latitude: 10 deg 13 m S; Longitude: 029 deg 58 m E. Collected July 03, 1982. Farmstore, Chipemba, 141km from Kasama to Luwingu, Northern Province. 1425m. Annual. Cultivar. Seed.

494984. ZFA 3534. Zambia. Latitude: 09 deg 55 m S; Longitude: 030 deg E. Collected July 04, 1982. Farmstore, Sampa Farm, 8km N of Luwingu, Northern Province. 1500m. Early maturing type. Annual. Primitive Cultivar. Seed.

494985. ZFA 3548. Zambia. Latitude: 10 deg S; Longitude: 030 deg 05 m E. Collected July 04, 1982. Farmstore, Nakampemba, 5km E of Luwingu, Northern Province. 1575m. Early maturing type. Local name Kalimwa/Malawi maize. Annual. Primitive Cultivar. Seed.

494986. ZFA 3590. Zambia. Latitude: 10 deg S; Longitude: 028 deg 45 m E. Collected July 05, 1982. Farmstore, Muyembe, 23km from Kawambwa to Mansa, Luapula Province. 1400m. Local name Karimuia. Annual. Primitive Cultivar. Seed.

494987. ZFA 3592. Zambia. Latitude: 10 deg S; Longitude: 028 deg 45 m E. Collected July 05, 1982. Farmstore, Muyembe, 23km from Kawambwa to Mansa, Luapula Province. 1400m. Annual. Primitive Cultivar. Seed.

494988. ZFA 3611. Zambia. Latitude: 09 deg 45 m S; Longitude: 028 deg 50 m E. Collected July 06, 1982. Farmers Training Center, Mbereshi, Luapula Province. 1200m. Annual. Cultivar. Seed.

494989. ZFA 3612. Zambia. Latitude: 09 deg 45 m S; Longitude: 028 deg 50 m E. Collected July 06, 1982. Farmland, Mbereshi, Luapula Province. 1125m. No tassel. Local name Kanjilimini. Annual. Primitive Cultivar. Seed.

494990. ZFA 3613. Zambia. Latitude: 09 deg 45 m S; Longitude: 028 deg 50 m E. Farmland, Mbereshi, Luapula Province. 1125m. Local name Chintubulungu. Annual. Primitive Cultivar. Seed.

494991. ZFA 3614. Zambia. Latitude: 09 deg 45 m S; Longitude:

028 deg 50 m E. Collected July 06, 1982. Farmland, Mbereshi, Luapula Province. Local name Mwafi. Seed.

494992. ZFA 3615. Zambia. Latitude: 09 deg 45 m S; Longitude: 028 deg 50 m E. Collected July 06, 1982. Farmland, Mbereshi, Luapula Province. Local name Nakasani. Annual. Primitive Cultivar. Seed.

494993. ZFA 3624. Zambia. Latitude: 09 deg 45 m S; Longitude: 028 deg 50 m E. Collected July 06, 1982. Farmland, Mbereshi, Luapula Province. Local name Kanjilimni. Annual. Primitive Cultivar. Seed.

494994. ZFA 3636. Zambia. Latitude: 09 deg 30 m S; Longitude: 030 deg 05 m E. Collected July 07, 1982. Farmstore, Mtamba village, Northern Province. Early maturing type. Local name Kalimwa. Annual. Primitive Cultivar. Seed.

494995. ZFA 3639. Zambia. Latitude: 09 deg 30 m S; Longitude: 030 deg 05 m E. Collected July 07, 1982. Farmstore, Mtamba village, Northern Province. 1610m. Annual. Cultivar. Seed.

494996. ZFA 3666. Zambia. Latitude: 09 deg S; Longitude: 030 deg 10 m E. Collected July 07, 1982. Farmstore, Munyere, 24km from Mporokoso to Kaputa, Northern Province. 1500m. Seeds red. Annual. Primitive Cultivar. Seed.

494997. ZFA 3668. Zambia. Latitude: 09 deg S; Longitude: 030 deg 10 m E. Collected July 07, 1982. Farmstore, Munyere, 24km from Mporokoso to Kaputa, Northern Province. 1500m. Local name Karimwa. Annual. Primitive Cultivar. Seed.

494998. ZFA 3670. Zambia. Latitude: 09 deg S; Longitude: 030 deg 10 m E. Collected July 07, 1982. Farmstore, Munyere, 24km from Mporokoso to Kaputa, Northern Province. 1500m. Annual. Primitive Cultivar. Seed.

494999. ZFA 3677. Zambia. Latitude: 09 deg S; Longitude: 030 deg 10 m E. Collected July 07, 1982. Farmstore, Munyere, 24km from Mporokoso to Kaputa, Northern Province. 1500m. Annual. Primitive Cultivar. Seed.

495000. ZFA 3684. Zambia. Latitude: 09 deg 55 m S; Longitude: 030 deg E. Collected July 07, 1982. Farmstore, Mukupa Kaoma, Northern Province. Annual. Primitive Cultivar. Seed.

495001 TO 495008. Sorghum bicolor (L.) Moench (Poaceae) Grain sorghum.

From Soviet Union. Donated by VIR; Leningrad.
Received February 1985.

495001 TO 495008-continued

495001. Hazine-4. Soviet Union. Cultivar. Seed.

495002. Kamysinskoe-79. Soviet Union. Cultivar. Seed.

495003. Kuban. Soviet Union. Probable hybrid. Cultivar. Seed.

495004. Novator-151. Soviet Union. S. bicolor/S. bicolor (sudanense type). Cultivar. Seed.

495005. Silosnyj 72. Soviet Union. Probable hybrid. Cultivar. Seed.

495006. Silosnyj 74. Soviet Union. Probable hybrid. Cultivar. Seed.

495007. Skorospeloe 89. Soviet Union. Cultivar. Seed.

495008. Stavropolskij-3. Soviet Union. S. bicolor/S. bicolor (sudanense type). Cultivar. Seed.

495009 TO 495010. Sorghum bicolor (L.) Moench (Poaceae) Sweet sorghum.

From Soviet Union. Donated by VIR; Leningrad.
Received February 1985.

495009. Kamysinskoe 7. Soviet Union. Cultivar. Seed.

495010. Yantar Zernogradskij. Soviet Union. Cultivar. Seed.

495011 TO 495012. Zea mays L. (Poaceae) Corn.

From Bulgaria. Donated by Tomov, N.; Maize Research Institute - Kneja; Kneja.
Received February 1985.

495011. AT-1. Bulgaria. Synthetic of local varieties. Maturity extra early. Cultivated. Seed.

495012. Gorovo. Bulgaria. Local type. Maturity extra early. Cultivated. Seed.

495013. Triticum aestivum L. (Poaceae) Common wheat.

From United States. Donated by Donalson, E.; Dry Land Research Unit, Washington State University; Lind, Washington.
Received March 1985.

WA006816. Batum. United States. CI13438/RMD//CI13694/5/PI178383/CI13431//CI13441/3/It/4/Bez//CI13438/Burt. Hard

495013-continued

red semidwarf type. Emergence similar to soft white semidwarfs. High tillering, medium spikes, awned. Maturity late. Straw weaker than hard red winter wheats. Production higher than Hatton and Wanser by 10-37%. Resistant to local races of stripe rust. Contains genes 1 and 4 for common bunt resistance. Some tolerance to mildew, leaf rust and flag smut. Susceptible to dwarf bunt, snowmold, stem rust, Cercosporella foot rot, Fusarium foot rot and Cephalosporium stripe. Winter Annual. Cultivar. Seed.

495014 TO 495015. Triticum aestivum L. (Poaceae) Common wheat.

From United States. Donated by Brown, C.M.; Agronomy Department, University of Illinois; Urbana, Illinois.
Received March 1985.

495014. IL 76-3845. United States. Centurk//KS6623/TX62A2522-8-2. Hard red type. Height and maturity similar to Scout 66. Lodging resistance better than Scout 66. Yield and test weights similar to or better than Scout 66. Moderately susceptible to soil borne mosaic virus, leaf rust and stem rust. Resistant to powdery mildew. Fair to poor milling and bread making qualities. Well-adapted to more humid areas of hard wheat production. Winter Annual. Breeding Material. Seed.

495015. IL 77-4259. United States. Kavkaz/TX69A330-1. Hard red type. Height and maturity similar to Scout 66. Lodging resistance excellent. Yield excellent. Test weights equal to Scout 66. Moderately resistant to Septoria. Very resistant to soil borne mosaic virus and to powdery mildew. Fair to poor milling and bread making qualities. Well-adapted to more humid areas of hard wheat production. Winter Annual. Breeding Material. Seed.

495016. Glycine max (L.) Merr. (Fabaceae) Soybean.

From Sri Lanka. Donated by Hittle, C.N.; Central Agricultural Experiment Station; Gannoruwa, Peradeniya.
Received March 1985.

Nuwara Eliya Local. Sri Lanka. Grown for superior seed quality. Cultivar. Seed.

495017 TO 495020. Glycine max (L.) Merr. (Fabaceae) Soybean.

From China, Peoples Repub of. Donated by Hua, P.M.; Institute of Crop Breeding and Cultivation, Chinese Academy of Agricultural Sciences; Beijing. Received through J.A.

495017 TO 495020-continued
Jackobs, INTSOY, University of Illinois.
Received March 1985.

495017. Beijing Da Qing Don. China, Peoples Repub of. Maturity Group C8. Cultivar. Seed.

495018. San Ming 73-11. China, Peoples Repub of. Maturity Group C12. Cultivar. Seed.

495019. Sui Dao Huang. China, Peoples Repub of. Maturity Group C11. Cultivar. Seed.

495020. Xu Dou 2. China, Peoples Repub of. Maturity Group C8. Cultivar. Seed.

495021 TO 495083. Miscanthus sp. (Poaceae).

From Indonesia. Donated by Tew, T.L. and Purdy, L.H.; Hawaiian Sugar Planters' Association; Department of Plant Pathology, University of Florida; Aiea, Hawaii and Gainesville, Florida. Received through the IBPGR/HSPA 1984 Indonesian Sugarcane Germplasm Expedition.
Received January 1985.

495021. IN84-059F. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9106F. Collected July 11, 1984. Steep mountainous slope 31km N of Palu, Sulawesi Tengah. 300m. Plants without buds or root primordia. Dewlap triangular-shaped. Flowers and sheath red. Local name Biro. Wild. Plants.

495022. IN84-060F. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9107F. Collected July 11, 1984. Steep mountainous slope, 33km N of Palu, Sulawesi Tengah. 300m. Plants without buds or root primordia, in flower. Dewlap squarish shaped, dark green. Sheaths green. Wild. Plants.

495023. IN84-080F1. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9127F1. Collected July 13, 1984. Mountainous slope, 25-40km S of Poso towards Tentena, Sulawesi Tengah. 270-500m. Seedling plant. Mother plants mostly red sheathed with red inflorescence. No bud or root primordia. Some stem borer damage. Wild. Plants.

495024. IN84-080F2. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9127F2. Collected July 13, 1984. Mountainous slope, 25-40km S of Poso towards Tentena, Sulawesi Tengah. 270-500m. Seedling plant. Mother plants mostly red sheathed with red inflorescence. No bud or root primordia. Some stem borer damage. Wild. Plants.

495025. IN84-080F3. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9127F3. Collected July 13, 1984. Mountainous slope, 25-40km S of Poso towards Tentena, Sulawesi Tengah. 270-500m. Seedling plant. Mother plants mostly red sheathed with red inflorescence. No bud or root primordia. Some stem borer damage. Wild. Plants.

495026. IN84-080F4. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9127F4. Collected July 13, 1984. Mountainous slope, 25-40km S of Poso towards Tentena, Sulawesi Tengah. 270-500m. Seedling plant. Mother plants mostly red sheathed with red inflorescence. No bud or root primordia. Some stem borer damage. Wild. Plants.

495027. IN84-080F5. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9127F5. Collected July 13, 1984. Mountainous slope, 25-40km S of Poso towards Tentena, Sulawesi Tengah. 270-500m. Seedling plant. Mother plants mostly red sheathed with red inflorescence. No bud or root primordia. Some stem borer damage. Wild. Plants.

495028. IN84-080F6. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9127F6. Collected July 13, 1984. Mountainous slope, 25-40km S of Poso towards Tentena, Sulawesi Tengah. 270-500m. Seedling plant. Mother plants mostly red sheathed with red inflorescence. No bud or root primordia. Some stem borer damage. Wild. Plants.

495029. IN84-080F7. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9127F7. Collected July 13, 1984. Mountainous slope, 25-40km S of Poso towards Tentena, Sulawesi Tengah. 270-500m. Seedling plant. Mother plants mostly red sheathed with red inflorescence. No bud or root primordia. Some stem borer damage. Wild. Plants.

495030. IN84-080F8. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9127F8. Collected July 13, 1984. Mountainous slope, 25-40km S of Poso towards Tentena, Sulawesi Tengah. 270-500m. Seedling plant. Mother plants mostly red sheathed with red inflorescence. No bud or root primordia. Some stem borer damage. Wild. Plants.

495031. IN84-080F9. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9127F9. Collected July 13, 1984. Mountainous slope, 25-40km S of Poso towards Tentena, Sulawesi Tengah. 270-500m. Seedling plant. Mother plants mostly red sheathed with red inflorescence. No bud or root primordia. Some stem borer damage. Wild. Plants.

495032. IN84-080F10. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9127F10. Collected July 13, 1984. Mountainous slope, 25-40km S of Poso towards Tentena, Sulawesi Tengah. 270-500m. Seedling plant. Mother plants mostly red sheathed with red inflorescence. No bud or root primordia. Some stem borer damage. Wild. Plants.

495033. IN84-080F11. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9127F11. Collected July 13, 1984. Mountainous slope, 25-40km S of Poso towards Tentena, Sulawesi Tengah. 270-500m. Seedling plant. Mother plants mostly red sheathed with red inflorescence. No bud or root primordia. Some stem borer damage. Wild. Plants.

495034. IN84-100F1. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F1. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrub u. Wild. Plants.

495035. IN84-100F2. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F2. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrub u. Wild. Plants.

495036. IN84-100F3. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F3. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrub u. Wild. Plants.

495037. IN84-100F4. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F4. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrub u. Wild. Plants.

495038. IN84-100F5. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F5. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495039. IN84-100F6. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F6. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495040. IN84-100F7. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F7. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495041. IN84-100F8. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F8. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495042. IN84-100F9. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F9. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

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495043. IN84-100F10. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F10. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495044. IN84-100F11. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F11. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495045. IN84-100F12. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F12. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495046. IN84-100F13. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F13. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495047. IN84-100F14. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F14. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495048. IN84-100F15. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F15. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495049. IN84-100F16. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F16. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495050. IN84-100F17. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F17. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495051. IN84-100F18. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F18. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495052. IN84-100F19. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F19. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495053. IN84-100F20. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F20. Artegetege, 6km W of Ternate

District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495054. IN84-100F21. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F21. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495055. IN84-100F22. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F22. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495056. IN84-100F23. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F23. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495057. IN84-100F24. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F24. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495058. IN84-100F25. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F25. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495059. IN84-100F26. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F26. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495060. IN84-100F27. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F27. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495061. IN84-100F28. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F28. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495062. IN84-100F29. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F29. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495063. IN84-100F30. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F30. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495064. IN84-100F31. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F31. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495065. IN84-100F32. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F32. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495066. IN84-100F33. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F33. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495067. IN84-100F34. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F34. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495068. IN84-100F35. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F35. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495069. IN84-100F36. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F36. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495070. IN84-100F37. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F37. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495071. IN84-100F38. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F38. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495072. IN84-100F39. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F39. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495073. IN84-100F40. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F40. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495074. IN84-100F41. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F41. Artegetege, 6km W of Ternate

495021 TO 495083-continued

District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495075. IN84-100F42. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F42. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495076. IN84-100F43. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F43. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495077. IN84-100F44. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F44. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495078. IN84-100F45. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F45. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495079. IN84-100F46. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F46. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495080. IN84-100F47. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F47. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495081. IN84-100F48. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F48. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495082. IN84-100F49. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F49. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495083. IN84-100F50. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9147F50. Artegetege, 6km W of Ternate District. 350m. Seedling plant. Mother plants luxurious with green sheaths. Local name Marikrubu. Wild. Plants.

495084 TO 495088. Ripidium sp. (Poaceae).

From Indonesia. Donated by Tew, T.L. and Purdy, L.H.; Hawaiian Sugar Planters' Association; Department of Plant

495084 TO 495088-continued
Pathology, University of Florida; Aiea, Hawaii and Gainesville, Florida. Received through the IBPGR/HSPA 1984 Indonesian Sugarcane Germplasm Expedition. Received January 1985.

495084. IN84-014. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9061. Collected July 02, 1984. Swampy area, 9km S of Kendari, Sulawesi Tenggara. 25m. Culms greenish-yellow with occasional tassle. Sheaths glabrous. Leaf rust observed. Wild. Cuttings.

495085. IN84-018. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9065. Collected July 04, 1984. Hilly area, 4km W of Raha, Muna (Sulawesi Tenggara). 50m. Plant typical of Ripidium. Tassles very red. Local name Towulambe. Wild. Cuttings.

495086. IN84-073. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9120. Collected July 12, 1984. Hilly slope, Tokorondo, 20km N of Poso, Sulawesi Tengah. 10m. Culm yellow. Indication of dewlap (sharp upturn). Culm scale and leaf rust observed. Local name Biro. Wild. Cuttings.

495087. IN84-077. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9124. Collected July 13, 1984. Mountainous slope, Pandiri, 22km S of Poso, Sulawesi Tengah. 170m. Flowers early, red. Leaf rust observed. Local name Tenangge. Wild. Cuttings.

495088. IN84-083. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9130. Collected July 14, 1984. Korontoa River bank, Olaya, 4km S of Parigi. 5m. Flower tassles white. Leaf rust observed. Local name Tanangge. Wild. Cuttings.

495089 TO 495090. Saccharum edule Hassk. (Poaceae).

From Indonesia. Donated by Tew, T.L. and Purdy, L.H.; Hawaiian Sugar Planters' Association; Department of Plant Pathology, University of Florida; Aiea, Hawaii and Gainesville, Florida. Received through the IBPGR/HSPA 1984 Indonesian Sugarcane Germplasm Expedition. Received January 1985.

495089. IN84-107. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9154. Collected July 25, 1984. Garden, Semawi, 23km S of Tual, Kei Kecil (Moluku Tenggara). 5m. Tassels aborted. Dewlap level, green, triangular-shaped. Sheaths very hairy. Leaves pubescent. Stalks spool-shaped, yellow. Some stalk borer, ring spot, and red rot observed. Local name Tev Fuyt. Cultivated. Cuttings.

495090. IN84-117. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9174. Collected August 10, 1984. Farmland, Kinam, 10km SE of Kokas, Kokas Subdistrict, Irian Jaya. 25m. Flowers aborted. Dewlap upturned, triangular-shaped, green. Leaf sheath very hairy. Stalks green with brown spots. Flesh white with center pith. Local name Lesin (Tebu telor). Cultivated. Cuttings.

495091 TO 495107. Saccharum officinarum L. (Poaceae) Sugarcane.

From Indonesia. Donated by Tew, T.L. and Purdy, L.H.; Hawaiian Sugar Planters' Association; Department of Plant Pathology, University of Florida; Aiea, Hawaii and Gainesville, Florida. Received through the IBPGR/HSPA 1984 Indonesian Sugarcane Germplasm Expedition. Received January 1985.

495091. IN84-002. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9042. Collected June 15, 1984. Level garden, Kwalamenjirim, near Binjai, Sumatra. 50m. Culms green-yellow striped, somewhat pubescent. Used for chewing. Local name Tebu rotan. Cultivated. Cuttings.

495092. IN84-003. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9043. Collected June 15, 1984. Level garden, 9km W of Medan, Sumatra. 50m. Culms maroon-colored. Ringspot and dead scale insects observed. Used for chewing. Local name Tebu gula. Cultivated. Cuttings.

495093. IN84-004. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9044. Collected June 15, 1984. Level garden near PI 495092, 9km W of Medan, Sumatra. 50m. Culms greenish-yellow, Dewlap dark, glabrous, squarish with down slope. Ringspot and scale insects observed. Used for chewing. Local name Tebu kuning. Cultivated. Cuttings.

495094. IN84-005. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9045. Collected June 15, 1984. Same garden as PI 495093, 9km W of Medan, Sumatra. 50m. Culms maroon with distinct wax band. Dewlap muddy color, square with down slope. Scale insects observed. Used for chewing. Local name Tebu merah. Cultivated. Cuttings.

495095. IN84-020. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9067. Collected July 04, 1984. Hilly garden, Dana, 12km W of Raha, Muna. 100m. Type widely grown in local gardens. Culms yellowish-green with distinct wax band, blotches and splits. Dewlap muddy green, triangular, level. Chlorotic flecks and cotton aphids observed. Used for chewing. Local name Towu Koka.

Cultivated. Cuttings.

495096. IN84-024. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9071. Collected July 05, 1984. Hilly garden, Bungi, 8km SW of Raha, Muna. 100m. Culms maroon with cream colored flesh and wax band, zig-zag shape. Dewlap dark green, upturned. Leaf rust, black scale, and cotton aphid observed. Local name Towu. Cultivated. Cuttings.

495097. IN84-025. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9072. Collected July 05, 1984. Hilly garden, Mabodo, 9km SW of Raha, Muna. 100m. Culms deep purple with bulging eyes and long internodes, self stripping. Sheaths green. Dewlap triangular, brown, level. Black scale observed. Intercropped with cashew and sweet potato. Local name Towu. Cultivated. Cuttings.

495098. IN84-031. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9078. Garden, Laiba, 45km S of Raha, Muna. 20m. Culms dirty green, waxy, eyes protruding, flesh cream colored. Leaves very wide . Dewlap green, triangular, upturned, highly pubsecent. Leaf rust, red rot, and brown spot observed. Used for chewing. Local name Towu. Cultivated. Cuttings.

495099. IN84-046. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9093. Collected July 08, 1984. Hilly backyard, 40km W of Lalomerah, Sulawesi Tenggara. Culms dark purple, distinct wax band, flesh cream colored. Dewlap green, upturned. Rust, red blotch, and red rot observed. Used for chewing. Local name Towulagadi. Cultivated. Cuttings.

495100. IN84-047. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9094. Collected July 08, 1984. Backyard, 45km W of Wawolemo, Sulawesi Tenggara. Possible hybrid. Culms waxy. Dewlap dark green, very pubescent, small. Leaf rust, ring spot, and red rot observed. Used for chewing. Local name Towu. Cultivated. Cuttings.

495101. IN84-068. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9115. Collected July 12, 1984. Garden, Boyantongo, 6km S of Parigi, Sulawesi Tengah. 5m. Plant vigorous. Culms yellow with greenish tint, long internodes. Dewlap dark green, triangular. Fungal chlorotic flecks observed. Cultivated. Cuttings.

495102. IN84-071. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9118. Collected July 12, 1984. Garden, Suli, 5km N of Sausu, Sulawesi Tengah. 10m. Culms purple, high sucrose content. Leaves purple. Yellow spot observed. Local name Tebu cemeng. Cultivated. Cuttings.

495103. IN84-103. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9150. Collected July 21, 1984. Garden, 25km N of Weda, 9km up Kobe River. 5m. Plants similar to S. badila. Culms dark purple-red with distinct wax band. Dewlap brown, lever. Yellow spot observed. Used for chewing and red sugar. Local name Lebkulef. Cultivated. Cuttings.

495104. IN84-105. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9152. Collected July 25, 1984. Garden, Faan, 6km SW of Tual, Kei Kecil. 5m. Culms varigated purple-yellow, chlorotic streaking. Dewlap brown, triangular, upturned, very pubescent. Brown spot observed. Used for chewing. Local name Tebu Mos. Cultivated. Cuttings.

495105. IN84-106. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9153. Collected July 25, 1984. Garden, Ngabub, 18km S of Tual, Kei Kecil. 5m. Culms exposed, brownish-yellow with red flecks, wax band, flesh white. Sheath waxy. Dewlap dark green, upturned, very pubescent. Cultivated. Cuttings.

495106. IN84-123. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9180. Collected August 14, 1984. Garden, Tanggarome, 60km NW of Kaimana S. District, Irian Jaya. 25m. Culms red with green stripes, distinct wax band, flesh cream. Leaves striped. Dewlap dark green, triangular, downturned, waxy, with green stripes. Ring spot-like disease sympton observed. Used for chewing. Local name Tiwa. Cultivated. Cuttings.

495107. IN84-126. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9183. Collected August 14, 1984. Garden, Tanggarome, 60km NW of Kaimana S. District, Irian Jaya. 30m. Culms brown with yellowish stripes, very waxy, distinct wax band. Dewlap dark green, upturned, crinkled. Leaf sheaths brown striped, very waxy. Cultivated. Cuttings.

495108 TO 495115. Saccharum robustum Brandes & Jesw. ex Grassl (Poaceae).

From Indonesia. Donated by Tew, T.L. and Purdy, L.H.; Hawaiian Sugar Planters' Association; Department of Plant Pathology, University of Florida; Aiea, Hawaii and Gainesville, Florida. Received through the IBPGR/HSPA 1984 Indonesian Sugarcane Germplasm Expedition. Received January 1985.

495108. IN84-044. Indonesia. Plant Pathology Lab., USDA-ARS,

495108 TO 495115-continued
Beltsville, MD. 9091. Collected July 08, 1984. Sampava, 30km W of Kendari, Sulawesi Tenggara. Dewlap squarish, brown, inside upturned. Leaf sheath extremely hairy. Stalk waxy-band not very distinct, red on yellow. Scale, stem borer, rust-like lesions, and red rot observed. Local name Tawolambe (Tebu long). Wild. Cuttings.

495109. IN84-045. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9092. Collected July 08, 1984. Hilly area, 35km W of Baini, Sulawesi Tenggara. 65m. Similar to PI 495108. Stalk yellow with distinct wax band. No flowers. Local name Tawolambe. Wild. Cuttings.

495110. IN84-049. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9096. Collected July 08, 1984. Swampy area, Lalohao, 53km W of Kendari, Sulawesi Tenggara. 45m. Plant similar to PI 495108, except more fleshy, more sucrose, and more pubescence on upper and lower leaf surfaces. Ring spot observed. Local name Towulambe. Wild. Cuttings.

495111. IN84-050. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9097. Collected July 08, 1984. Level area, Ranoea, 58km W of Kendaria, Sulawesi Tenggara. 50m. Plant very similar to PI 495108. Ring spot observed. Local name Towulambe. Wild. Cuttings.

495112. IN84-052. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9099. Collected July 09, 1984. Swampy area, Nawotobi, 65km W of Kendari, Sulawesi Tenggara. 40m. Plant very similar to PI 495108, except less leaf pubescence. Stalks very pithy. Mites on leaves observed. Used for garden fence. Local name Bubu. Wild. Cuttings.

495113. IN84-076. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9123. Collected July 13, 1984. Near Pandiri about 20km S of Poso, Sulawesi Tengah. Dewlap upturned, dark green. Stalk waxy, pithy. Yellow spot observed. Wild. Cuttings.

495114. IN84-078. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9125. Collected July 13, 1984. Hilly area, Pandiri, 26km S of Poso, Sulawesi Tengah. 223m. Dewlap ligular, brown, upturned. Leaf sheath very hairy, waxy. Stalk yellowish- green with distinct wax band. Used for garden fencing. Leaf spot observed. Local name Tanangge. Wild. Cuttings.

495115. IN84-104. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9151. Collected July 22, 1984. Coastline, 1 km E of Payahe, Halmahera Tengah. 5m. Dewlap level, triangular, brown. Sheath very hairy, brown under dewlap. Stalk y ellow, eye groove. Yellow spot observed. Wild.

495108 TO 495115-continued
Cuttings.

495116 TO 495164. Saccharum spontaneum L. (Poaceae).

From Indonesia. Donated by Tew, T.L. and Purdy, L.H.; Hawaiian Sugar Planters' Association; Department of Plant Pathology, University of Florida; Aiea, Hawaii and Gainesville, Florida. Received through the IBPGR/HSPA 1984 Indonesian Sugarcane Germplasm Expedition. Received January 1985.

495116. IN84-009. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9049. Collected June 16, 1984. Steep slope 31km S of Siantar toward Lake Toba, Sumatra. 1000m. Stalk reddish. Dewlap ligulated, yellow. Parasitized scale insect observed. Local name Ratap polong. Wild. Cuttings.

495117. IN84-010. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9050. Collected June 16, 1984. Steep slope near PI 495116, 31km S of Siantar toward Lake Toba, Sumatra. 1000m. Stalk typical. Sheath edges very hairy. Dewlap yellow, ligulate, level. Local name Ratap polong. Wild. Cuttings.

495118. IN84-011. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9051. Collected June 16, 1984. Steep slope 33km S of Siantar toward Lake Toba, Sumatra. 1000m. Stalks typical. Sheath edges hairy. Local name Ratap polong. Wild. Cuttings.

495119. IN84-012. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Similar to PI 495118, except in full bloom. Disease free. Local name Ratap polong. Wild. Cuttings.

495120. IN84-012F1. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F1. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495121. IN84-012F2. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F2. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495122. IN84-012F3. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F3. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495123. IN84-012F4. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F4. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495124. IN84-012F5. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F5. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495125. IN84-012F6. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F6. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495126. IN84-012F7. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F7. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495127. IN84-012F8. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F8. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495128. IN84-012F9. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F9. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495129. IN84-012F10. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F10. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495130. IN84-012F11. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F11. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495131. IN84-012F12. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F12. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495132. IN84-012F13. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F13. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495133. IN84-012F14. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F14. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495134. IN84-012F15. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F15. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495135. IN84-012F16. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9052F16. Collected June 17, 1984. Lake shore midway between Temek and Ambarita, Samosir, Sumatra. 900m. Seedling plant from PI 495119. Wild. Plants.

495136. IN84-013. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9060. Collected July 02, 1984. Stream edge, 9km S of Kendari, Sulawesi Tenggara. 25m. Plant typical. Dewlap triangular, level, muddy color. Seed shattered. Trace of leaf rust. Wild. Cuttings.

495137. IN84-016. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9063. Collected July 04, 1984. Hilly wooded area, 3km S of Raha, Muna (Sulawesi Tenggara). 50m. Plant post flowering. Leaf sheath uniformly hairy. Stalk wax band distinct. Leaves very narrow. Rust on leaves. Local name Towulambe. Wild. Cuttings.

495138. IN84-017. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9064. Collected July 04, 1984. Hilly wooded area, 4km W of Raha, Muna (Sulawesi Tenggara). 50m. Stalk very waxy, pointed eyes. Leaf fairly wide. Sheath very hairy, some purple color. Dewlap triangular, dark green. Some leaf rust. Local name Towulambe. Wild. Cuttings.

495139. IN84-021. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9068. Collected July 04, 1984. Dana, 13km W of Raha, Muna. 100m. Plant very hairy, similar to PI 495137, full flower. Stalk waxy. Leaves very narrow. Stem borer and leaf rust observed. Local name Pure. Wild. Cuttings.

495140. IN84-022. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9069. Collected July 04, 1984. Swampy area, Konawe, 23km W of Raha, Muna. 10m. Plant similar to PI 495137, except dark, very hairy dewlap. Flowering complete, most fuzz gone. Leaf spot and sheath rot observed. Local name Pure. Wild. Cuttings.

495141. IN84-023. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9070. Collected July 04, 1984. Swampy area near airport, Konawe, 25km W of Raha, Muna. 10m. Plant similar to PI 495137, heavy flowering (anthesis). Dewlap yellow with 2mm ligules. Leaf rust observed. Local name Pure. Wild. Cuttings.

495142. IN84-027. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9074. Collected July 05, 1984. Kontunaga, 15km W of Raha, Muna. 90m. Plant similar to PI 495137, no flowering. Dewlap brown, less hairy than other Muna accessions. Stalk very waxy, eye pointed, long internodes. Stem borer and leaf rust observed. Local name Pure. Wild. Cuttings.

495143. IN84-028. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9075. Collected July 05, 1984. Hilly area, Kontunaga, 16km S of Raha, Muna. 50m. Dewlap brown, crinkled, very hairy. Sheath purple. Stalk waxy. No flowers. Leaf rust observed. Local name Pure. Wild. Cuttings.

495144. IN84-033. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9080. Collected July 06, 1984. Flood plain area, Lakologou, 8km NE of Baubau, Buton. Plant similar to those from Muna. Dewlap green, level, hairy all around sheath. Stalk waxy with very long internodes. Stem borer and leaf rust observed. Local name Pure. Wild. Cuttings.

495145. IN84-034. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9081. Collected July 06, 1984. Swampy area, Liabuku, 11km NE of Baubau, Buton. 50m. Plant similar to PI 495144, except more pigmented. Sheaths red. Stalk exposed with very long buds. Flowers old, most fuzz gone. Red blotch noted on leaves. Local name Pure. Wild. Cuttings.

495146. IN84-035. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9082. Collected July 06, 1984. Swampy area, Barangka, 31km NE of Baubau, Buton. 10m. Plant large, no flowering. Stalk glabrous, waxy, very long eyes. Sheath glabrous. Red pith and red blotch syndrome on leaves noted. Local name Pure. Wild. Cuttings.

495147. IN84-036. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9083. Collected July 06, 1984. Rocky summit area, near Wakangka, 53km NE of Baubau, Buton. 220m. Plant hairy, bloomed much earlier. Dewlap not level, upturned. Stalk with wax band but not waxy. Leaf rust observed. Local name Pure. Wild. Cuttings.

495148. IN84-038. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9085. Collected July 07, 1984. Hilly area, Kadolokatapi, 7km E of Baubau, Buton. 150m. Plant bloomed much earlier. Dewlap brown, red on sheath edges. Stalk waxy, strips more easily than most S. spontaneum. Stem borer and red blotch observed. Local name Pure. Wild.

Cuttings.

495149. IN84-039. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9086. Collected July 07, 1984. Mountainous summit area, Wakaokili, 26km W of Baubau, Buton. 380m. Plant similar to previous accessions except distinct eye groove, bloomed much earlier. Pith rot (perhaps bacterial) and leaf/sheath rust observed. Local name Pure. Wild. Cuttings.

495150. IN84-042. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9089. Collected July 08, 1984. Low area near Pohara R., Andadowi, 30km W of Kendari, Sulawesi Tenggara. 10m. Plant very hairy, no flowers. Dewlap green, triangular. Stalk with little wax. Leaves very narrow. Leaf rust observed. Local name Sowuwu. Wild. Cuttings.

495151. IN84-051. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9098. Collected July 08, 1984. Flood plain area, Wawoone, 53km W of Kendari, Sulawesi Tenggara. 40m. Plant in flower. Dewlap brown with sparse hairs. Sheath edges very hairy. Stalk waxy, exposed portion purple. Red blotch syndrome observed on leaves and sheaths. Wild. Cuttings.

495152. IN84-054. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9101. Collected July 09, 1984. Swampy area, Wawotobi, 65km W of Kendari, Sulawesi Tenggara. 40m. Plant in heavy flower. Dewlap triangular, brown to green, very long and abundant hairs. Stalk very waxy. Stalk lesions and leaf rust and red blotch observed. Local name Bubu. Wild. Cuttings.

495153. IN84-058. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9105. Collected July 09, 1984. River bank, Ameroro, 90km W of Kendari, Sulawesi Tenggara. 30m. Dewlap brown, hairs sparse. Leaves wide. Stalk waxy with exposed brown buds with dark brown streak. Leaf rust observed. Local name Bubu. Wild. Cuttings.

495154. IN84-066. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9113. Collected July 12, 1984. Korontoa River bank, Olaya, 4km S of Parigi, Sulawesi Tengah. 5m. Plant with reddish, extended tassles. Stalk very waxy, yellow, with small buds. Black scale, rust, and red rot observed on leaves. Local name Siroyo. Wild. Cuttings.

495155. IN84-067. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9114. Collected July 12, 1984. Korontoa River bank, Olaya, 4km S of Parigi, Sulawesi Tengah. 5m. Plant in late boot stage, red flowers. Sheath red. Stalk very waxy. Cottony aphid, scale, rust, and red rot observed. Wild. Cuttings.

495156. IN84-069. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9116. Collected July 12, 1984. Swampy farmland, Maseri, 12km S of Parigi, Sulawesi Tengah. Plant in flower. Dewlap dark brown. Stalk waxy with round buds. Sheath rot and darkening of eye groove observed. Local name Biro. Wild. Cuttings.

495157. IN84-070. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9117. Collected July 12, 1984. South 300m from PI 495156, Maseri, 12km S of Parigi, Sulawesi Tengah. Plant in flower. Dewlap green, slightly downturned, very hairy. Sheath green. Stalk very waxy. Buds pointed. Large dark red lesions on leaves observed. Wild. Cuttings.

495158. IN84-072. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9119. Flood plain, 2km N of Sausu. Similar to PI 495155. Small red leasions on leaves observed. Wild. Cuttings.

495159. IN84-081. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9128. Collected July 14, 1984. Hilly area near Sausu R., Prono Sausu, 5km S of Sausu, Sulawesi Tengah. 30m. Plant vigorous, possible hybrid, in early flower. Dewlap narrow, squarish, level, green, little hair. Stalk very waxy. Buds elongated. Stem borer and red blotch syndrome on leaves observed. Wild. Cuttings.

495160. IN84-082. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9129. Collected July 14, 1984. Swampy area, Suli, 3km N of Sausu, Sulawesi Tengah. 30m. Plant in flower, tassles red. Dewlap brown, triangular, level. Sheath with little hair. Stalk waxy, exposed portion purple. Sheath rot and leaf red blotch syndrome observed. Local name Tanangge. Wild. Cuttings.

495161. IN84-084. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9131. Collected July 14, 1984. Flood plain area, Korontoa R. bank, Olaya, 4km S of Parigi, Sulawesi Tengah. 5m. Dewlap downturned, triangular, no hair, small auricle. Leaves narrow, upright. Stalk waxy with distinct wax band. Buds small and thin. Rust and red blotch syndrome on leaves observed. Local name Siroyo. Wild. Cuttings.

495162. IN84-088. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9131. Collected July 14, 1984. Mountainous area, Salodik, 27km N of Luwuk, Sulawesi Tengah. 300m. Dewlap yellowish brown with little hair. Leaves wide. Leaf yellow spot observed. Wild. Cuttings.

495163. IN84-089. Indonesia. Plant Pathology Lab., USDA-ARS,

495116 TO 495164-continued
Beltsville, MD. 9136. Collected July 15, 1984. Mountainous area, near Salodik turnoff, 32km N of Luwuk, Sulawesi Tengah. 400m. Plant similar to PI 495162. Leaves wide. Sheath rot observed. Wild. Cuttings.

495164. IN84-091. Indonesia. Plant Pathology Lab., USDA-ARS, Beltsville, MD. 9138. Collected July 15, 1984. Mountainous area, Salodik, 34km N of Luwuk, Sulawesi Tengah. 400m. Plant in early flower. Dewlap level, very slender. Leaves wide. Stalk very waxy with little hair. Wild. Cuttings.

495165 TO 495212. Medicago arabica (L.) Huds. (Fabaceae) Spotted burclover.

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.F. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, Md. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received January 1985.

495165. 18. Annual. Wild. Seed.

495166. 19. Annual. Wild. Seed.

495167. 20. Annual. Wild. Seed.

495168. 21. Annual. Wild. Seed.

495169. 22. Annual. Wild. Seed.

495170. 23. Annual. Wild. Seed.

495171. 24. Annual. Wild. Seed.

495172. 25. Annual. Wild. Seed.

495173. 690. Italy. Itri, 126km south of Rome. Annual. Wild. Seed.

495174. 721. Italy. Priverno, Fossanova. Annual. Wild. Seed.

495175. 731. Italy. San Martino, Sicily. Annual. Wild. Seed.

495176. 752. Italy. Collesano. Annual. Wild. Seed.

495177. 811. Italy. Palermo. Annual. Wild. Seed.

495178. 878. Turkey. Samsum airport. Annual. Wild. Seed.

495165 TO 495212-continued

495179. 884. Turkey. Trabson seashore. Annual. Wild. Seed.

495180. 998. Greece. Ana Capri. Annual. Wild. Seed.

495181. 1028. Italy. Fiesole near Florence. Annual. Wild. Seed.

495182. 1036. Italy. Between Siligua and Iglesias. Annual. Wild. Seed.

495183. 1045. Italy. Iglesias Arhus. Annual. Wild. Seed.

495184. 1048. Italy. Iglesias Arhus. Annual. Wild. Seed.

495185. 1104. Italy. Cagliari Botanical Garden, Sardinia. Annual. Wild. Seed.

495186. 1158. Greece. Near Nikolavs, Crete. Annual. Wild. Seed.

495187. 1159. Greece. West, 13km of Nikolavs, Crete. Annual. Wild. Seed.

495188. 1159a. Greece. West, 13km of Nikolavs, Crete. Annual. Wild. Seed.

495189. 1166. Greece. Crete. Annual. Wild. Seed.

495190. 1174. Greece. Between Ay Dheka and Mitropoli at Apollo temple, Crete. Annual. Wild. Seed.

495191. 1197. Greece. North of Armeni, Crete. Annual. Wild. Seed.

495192. 1437. Greece. Near Thessaloniki. Annual. Wild. Seed.

495193. 1465. Greece. Five km before Rentina. Annual. Wild. Seed.

495194. 1475. Greece. West, 6km of Kavala. Annual. Wild. Seed.

495195. 1502. France. Mount Baron, Nice. Annual. Wild. Seed.

495196. 1503. France. Mount Baron, Nice. Annual. Wild. Seed.

495197. 1513. France. Cap Croisette, Cannes. Annual. Wild. Seed.

495198. 1526. Italy. Badalucco. Annual. Wild. Seed.

495199. 1616. France. Onde, Tousouse. Annual. Wild. Seed.

495200. 1658. France. Biguglia, Corsica. Annual. Wild. Seed.

495201. 1658a. France. Biguglia, Corsica. Annual. Wild. Seed.

495202. 1663. France. Aleria. Annual. Wild. Seed.

495203. 1695. Italy. Sulmona. Annual. Wild. Seed.

495204. 1867. Annual. Wild. Seed.

495205. 2095. Italy. Collected 1968. Below Mt. Sparviere, S. Lorenze, Bellizzi, Calabria. Annual. Wild. Seed.

495206. 2110. Italy. Collected 1968. Gargano Varano. Annual. Wild. Seed.

495207. 2120. Italy. Collected 1968. Peschici, 5km to Rodi, Gargano. Annual. Wild. Seed.

495208. 2135. Italy. Collected 1968. Canosa, Lavallo, Potenza. Annual. Wild. Seed.

495209. 2161. Italy. Collected 1968. Mt. Argentario near Port Ercole. Annual. Wild. Seed.

495210. 2170. Italy. Collected 1968. Portenza-Atena, Lucania-Lagonegro. Annual. Wild. Seed.

495211. 2395. Australia. Nedlands. University of Western Australia. Collected 1974. Annual. Wild. Seed.

495212. 2831. Hungary. Tapioszele. M.A. Ali, National Institute of Agrobotany. Collected 1975. Annual. Wild. Seed.

495213 TO 495227. Medicago blancheana Boiss. (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, Md. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received January 1985.

495213. 41. Annual. Wild. Seed.

495214. 42. Annual. Wild. Seed.

495215. 62. Annual. Wild. Seed.

495216. 652. Turkey. Karadag-Gaziantep, 10km from Yavuzeli. Annual. Wild. Seed.

495217. 660. Turkey. Gaziantep and Maras Provinces border, 33km north of Gaziantep. Annual. Wild. Seed.

495218. 663. Turkey. Gaziantep and Maras Provinces border, 33km

495213 TO 495227-continued
north of Gaziantep. Annual. Wild. Seed.

495219. 668. Turkey. South, 9km of Maras. Annual. Wild. Seed.

495220. 868. Turkey. Mersin. Annual. Wild. Seed.

495221. 870. Turkey. Mersin. Annual. Wild. Seed.

495222. 1379. Lebanon. Ravak. Annual. Wild. Seed.

495223. 1384. Lebanon. Before USA University Farm. Annual. Wild. Seed.

495224. 1398. Lebanon. Ghazir. Annual. Wild. Seed.

495225. 1404. Lebanon. Ghazir. Annual. Wild. Seed.

495226. 1426. Greece. Xanthi. Annual. Wild. Seed.

495227. 2816. Hungary. Tapioszele. M.A. Ali, National Institute of Agrobotany. Collected 1975. Annual. Wild. Seed.

495228 TO 495258. Medicago constricta Durieu (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, Md. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received January 1985.

495228. 129b. Annual. Wild. Seed.

495229. 224. Annual. Wild. Seed.

495230. 855. Turkey. Kurttepe, Adana. Annual. Wild. Seed.

495231. 856. Turkey. Kurttepe, Adana. Annual. Wild. Seed.

495232. 857. Turkey. Kurttepe, Adana. Annual. Wild. Seed.

495233. 1136. Greece. Between Vrakhassi and Latsida, Crete. Annual. Wild. Seed.

495234. 1146. Greece. Near Nikolavs-Malia, Crete. Annual. Wild. Seed.

495235. 1165. Greece. Near Nikolavs, Crete. Annual. Wild. Seed.

495236. 1188. Greece. Kotzynos-Pyrgos seashore, Crete. Annual. Wild. Seed.

495237. 1212. Greece. Halfway to Petatoides, Crete. Annual. Wild. Seed.

495238. 1222. Greece. On way to Kamiros, 21-22km from Rhodes, Crete. Annual. Wild. Seed.

495239. 1240. Greece. High woody, pine mountain, 44km from Rhodes, Crete. Annual. Wild. Seed.

495240. 1245. Greece. On way to Archangelos, 1 km from Kolimbia, Crete. Annual. Wild. Seed.

495241. 1250. Italy. Rhodes seashore across the old cemetery. Annual. Wild. Seed.

495242. 1258a. Cyprus. Near Kythrea. Annual. Wild. Seed.

495243. 1258b. Cyprus. Near Kythrea. Annual. Wild. Seed.

495244. 1272. Cyprus. Before Cape Andreas Monastery. Annual. Wild. Seed.

495245. 1274. Cyprus. Before Cape Andreas Monastery. Annual. Wild. Seed.

495246. 1342. Lebanon. Sanatory, Hammana. Annual. Wild. Seed.

495247. 1345. Lebanon. Hammana. Annual. Wild. Seed.

495248. 1394. Lebanon. Khalde. Annual. Wild. Seed.

495249. 1462. Greece. Xanthi. Annual. Wild. Seed.

495250. 1463. Greece. Xanthi to Thessaloniki. Annual. Wild. Seed.

495251. 1482a. Greece. East of Avli, 12km west of Kavala. Annual. Wild. Seed.

495252. 1483a. Greece. Between Xanthi and Kavala. Annual. Wild. Seed.

495253. 1763. Turkey. Gaziantep-Paradise. Annual. Wild. Seed.

495254. 1854. Annual. Wild. Seed.

495255. 1892. Annual. Wild. Seed.

495256. 2124a. Malta. Collected 1968. Marsalform Gozo. Annual. Wild. Seed.

495257. 2342. Greece. Slope of mountain, Karpathos. Annual. Wild. Seed.

495228 TO 495258-continued

495258. 2378. Greece. Collected 1973, Roadside, Volada-Lastos, Karpathos. Annual. Wild. Seed.

495259 TO 495335. Medicago doliata Carmign. (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, Md. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received January 1985.

495259. 3. Received as Medicago aculeata. Annual. Wild. Seed.

495260. 4. Received as Medicago aculeata. Annual. Wild. Seed.

495261. 5. Received as Medicago aculeata. Annual. Wild. Seed.

495262. 6. Received as Medicago aculeata. Annual. Wild. Seed.

495263. 7. Received as Medicago aculeata. Annual. Wild. Seed.

495264. 10. Received as Medicago aculeata. Annual. Wild. Seed.

495265. 11. Received as Medicago aculeata. Annual. Wild. Seed.

495266. 511. Received as Medicago aculeata. Annual. Wild. Seed.

495267. 689. Italy. Itri, 126km south of Rome. Received as Medicago aculeata. Annual. Wild. Seed.

495268. 713. Italy. Itri, 126km south of Rome. Received as Medicago aculeata. Annual. Wild. Seed.

495269. 713a. Italy. Itri, 126km south of Rome. Received as Medicago aculeata. Annual. Wild. Seed.

495270. 777. Italy. Collesano. Mixed with 778 and 779. Received as Medicago aculeata. Annual. Wild. Seed.

495271. 796. Italy. Piana degli Albanesi, Sicily. Received as Medicago aculeata. Annual. Wild. Seed.

495272. 800. Italy. Piana degli Albanesi, Sicily. Received as Medicago aculeata. Annual. Wild. Seed.

495273. 803. Italy. Piana degli Albanesi, Sicily. Received as Medicago aculeata. Annual. Wild. Seed.

495274. 804. Italy. Piana degli Albanesi, Sicily. Received as

Medicago aculeata. Annual. Wild. Seed.

495275. 810. Italy. Palermo. Received as Medicago aculeata. Annual. Wild. Seed.

495276. 1057. Italy. Between Guspini and Sanluri. Received as Medicago aculeata. Annual. Wild. Seed.

495277. 1081. Italy. Between Pulnam and Teulada. Received as Medicago aculeata. Annual. Wild. Seed.

495278. 1381. Lebanon. Rayak. Received as Medicago aculeata. Annual. Wild. Seed.

495279. 1522. France. Mount St. Antoenne, Cannes. Received as Medicago aculeata. Annual. Wild. Seed.

495280. 1582. Spain. Chiclana, Cadiz. Received as Medicago aculeata. Annual. Wild. Seed.

495281. 1583. Spain. Chiclana, Cadiz. Received as Medicago aculeata. Annual. Wild. Seed.

495282. 1585(c). Spain. Chiclana, Cadiz. Received as Medicago aculeata. Annual. Wild. Seed.

495283. 1872. Received as Medicago aculeata. Annual. Wild. Seed.

495284. 1873. Received as Medicago aculeata. Annual. Wild. Seed.

495285. 1875. Received as Medicago aculeata. Annual. Wild. Seed.

495286. 1876. Received as Medicago aculeata. Annual. Wild. Seed.

495287. 1877. Received as Medicago aculeata. Annual. Wild. Seed.

495288. 1878. Received as Medicago aculeata. Annual. Wild. Seed.

495289. 1880. Received as Medicago aculeata. Annual. Wild. Seed.

495290. 1881. Received as Medicago aculeata. Annual. Wild. Seed.

495291. 1882. Received as Medicago aculeata. Annual. Wild. Seed.

495292. 1974. Received as Medicago aculeata. Annual. Wild. Seed.

495293. 1975. Received as Medicago aculeata. Annual. Wild. Seed.

495294. 1985. Received as Medicago aculeata. Annual. Wild. Seed.

495295. 1987. Received as Medicago aculeata. Annual. Wild. Seed.

495296. 1987c. Received as Medicago aculeata. Annual. Wild. Seed.

495297. 2042. Received as Medicago aculeata. Annual. Wild. Seed.

495298. 2485. Algeria. Collected 1974. Berrouaghia, 12km from Medea. Received as Medicago aculeata. Annual. Wild. Seed.

495299. 2499. Algeria. Collected 1974. Saba State Farm at Bouita. Received as Medicago aculeata. Annual. Wild. Seed.

495300. 2505. Algeria. Collected 1974. Souk Ahras, between Tebessa and Annaba. Received as Medicago aculeata. Annual. Wild. Seed.

495301. 2524. Algeria. Collected 1974. Near El Arrouch, Annaba, Constantine. Received as Medicago aculeata. Annual. Wild. Seed.

495302. 2537. Algeria. Collected 1974. Road to Setif, 5km from Constantine. Received as Medicago aculeata. Annual. Wild. Seed.

495303. 2546. Algeria. Collected 1974. Road to Tremien, 8km from Tafranii. Received as Medicago aculeata. Annual. Wild. Seed.

495304. 2573. Algeria. Collected 1974. Road from Annaba, 60km to Constantine. Received as Medicago aculeata. Annual. Wild. Seed.

495305. 2576. Algeria. Collected 1974. Road from Mahdia, 8km to Tiaret. Received as Medicago aculeata. Annual. Wild. Seed.

495306. 2584. Algeria. Collected 1974. Road from Souk El Ghozhane, 28km to Sidi-Aissa. Received as Medicago aculeata. Annual. Wild. Seed.

495307. 2595. Algeria. Collected 1974. State farm, 23km to Annaba from Souk-Ahrols. Received as Medicago aculeata. Annual. Wild. Seed.

495308. 2597. Algeria. Collected 1974. Road from Souk Ahras, 84.5km from Annaba. Received as Medicago aculeata. Annual. Wild. Seed.

495309. 2609. Algeria. Collected 1974. Bou Medfaa. Received as Medicago aculeata. Annual. Wild. Seed.

495310. 2613. Algeria. Collected 1974. Roman Temple ruins, Timgad. Received as Medicago aculeata. Annual. Wild. Seed.

495311. 2625. Algeria. Collected 1974. Near Eauxchaudes, road from Berroughia to El Khemis. Received as Medicago aculeata. Annual. Wild. Seed.

495312. 2631. Algeria. Collected 1974. Southwest, 100km of Alger. Received as Medicago aculeata. Annual. Wild. Seed.

495313. 2644. Morocco. Collected September 18, 1974. Road from Fes to Meknes. Received as Medicago aculeata. Annual. Wild. Seed.

495314. 2651. Morocco. Collected September 18, 1974. Road from Khemisset, 2km to Maaziz. Received as Medicago aculeata. Annual. Wild. Seed.

495315. 2670. Morocco. Collected 1974. Road from Meknes, 48km to Khemisset. Received as Medicago aculeata. Annual. Wild. Seed.

495316. 2671. Morocco. Collected 1974. Road from Fes, 11km to Meknes. Received as Medicago aculeata. Annual. Wild. Seed.

495317. 2678. Morocco. Collected 1974. Road from Bousselham, 14km to El Arba. Received as Medicago aculeata. Annual. Wild. Seed.

495318. 2683. Morocco. Collected 1974. Road from El Arba, 50km to Kenitra. Received as Medicago aculeata. Annual. Wild. Seed.

495319. 2711. Morocco. Collected 1974. Road from El Jadida, 24km to S. Smail. Received as Medicago aculeata. Annual. Wild. Seed.

495320. 2729. Morocco. Collected 1974. Road from Midelt, 1 km to Azrou. Received as Medicago aculeata. Annual. Wild. Seed.

495321. 2732. Morocco. Collected 1974. Road from Midelt, 2km to Timahdite. Received as Medicago aculeata. Annual. Wild. Seed.

495322. 2733. Morocco. Collected 1974. At Ain Leuh, 13km to Azrou. Received as Medicago aculeata. Annual. Wild. Seed.

495323. 2735. Morocco. Collected 1974. Road from Midelt, 8km to Timahdite. Received as Medicago aculeata. Annual. Wild. Seed.

495324. 2745. Morocco. Collected 1974. Road to Aim el Leuh, 12km. Received as Medicago aculeata. Annual. Wild. Seed.

495325. 2747a. Morocco. Collected 1974. Khatouat. Received as Medicago aculeata. Annual. Wild. Seed.

495326. 2759. Morocco. Collected 1974. Road to Oued-Zeu, 18km to Khatouat. Received as Medicago aculeata. Annual. Wild.

Seed.

495327. 2760. Morocco. Collected 1974. Road from Nkheila, 6km to Rommani. Received as Medicago aculeata. Annual. Wild. Seed.

495328. 2764a. Morocco. Collected 1974. One km to Khatouat. Received as Medicago aculeata. Annual. Wild. Seed.

495329. 2764b. Morocco. Collected 1974. One km to Khatouat. Received as Medicago aculeata. Annual. Wild. Seed.

495330. 2775. Morocco. Collected 1974. Road from Benahmed to Settar, 34km. Received as Medicago aculeata. Annual. Wild. Seed.

495331. 2778. Morocco. Collected 1974. Road to Ainel Aouda. Received as Medicago aculeata. Annual. Wild. Seed.

495332. 2785. Algeria. Collected 1974. Road from Tlemeen, 8km past Terni. Received as Medicago aculeata. Annual. Wild. Seed.

495333. 2788. Algeria. Collected 1974. Road from Tlemeen, 2-3km past Terni. Received as Medicago aculeata. Annual. Wild. Seed.

495334. 2807. Algeria. Collected 1974. Three km past Terni. Received as Medicago aculeata. Annual. Wild. Seed.

495335. 2834. Hungary. Tapioszele. M.A. Ali, National Institute of Agrobotany. Collected 1975. Received as Medicago aculeata. Annual. Wild. Seed.

495336 TO 495395. Medicago murex Willd. (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, Md. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received January 1985.

495336. 351. Annual. Wild. Seed.

495337. 352. Annual. Wild. Seed.

495338. 353. Annual. Wild. Seed.

495339. 353a. Annual. Wild. Seed.

495336 TO 495395-continued

495340. 353b. Annual. Wild. Seed.

495341. 354. Annual. Wild. Seed.

495342. 355. Annual. Wild. Seed.

495343. 697. Italy. Itri, 126km south of Rome. Annual. Wild. Seed.

495344. 698. Italy. Itri, 126km south of Rome. Annual. Wild. Seed.

495345. 699. Italy. Itri, 126km south of Rome. Annual. Wild. Seed.

495346. 700. Italy. Itri, 126km south of Rome. Annual. Wild. Seed.

495347. 701. Italy. Itri, 126km south of Rome. Annual. Wild. Seed.

495348. 718. Italy. Priverno, Fossanova. Annual. Wild. Seed.

495349. 719. Italy. Priverno, Fossanova. Annual. Wild. Seed.

495350. 720. Italy. Priverno, Fossanova. Annual. Wild. Seed.

495351. 745. Italy. San Martino, Sicily. Annual. Wild. Seed.

495352. 746. Italy. San Martino, Sicily. Annual. Wild. Seed.

495353. 747. Italy. San Martino, Sicily. Annual. Wild. Seed.

495354. 793. Italy. Piana degli Albanesi, Sicily. Annual. Wild. Seed.

495355. 794. Italy. Piana degli Albanesi, Sicily. Annual. Wild. Seed.

495356. 808. Italy. Palermo, Sicily. Annual. Wild. Seed.

495357. 975. Greece. Capri. Annual. Wild. Seed.

495358. 975a. Greece. Capri. Annual. Wild. Seed.

495359. 975b. Greece. Capri. Annual. Wild. Seed.

495360. 977. Greece. Capri. Annual. Wild. Seed.

495361. 982. Greece. Capri. Annual. Wild. Seed.

495362. 987. Greece. On way to Blue Grotto. Annual. Wild. Seed.

495363. 1002. Greece. Ana Capri. Annual. Wild. Seed.

495364. 1043. Italy. Between Demusnova and Iglesias. Annual. Wild. Seed.

495365. 1053. Italy. Iglesias-Arhus. Annual. Wild. Seed.

495366. 1056. Italy. Iglesias-Arhus. Annual. Wild. Seed.

495367. 1075. Italy. Capoterra. Annual. Wild. Seed.

495368. 1122. Greece. West, 29km of Nicolavs, Crete. Annual. Wild. Seed.

495369. 1193. Greece. Ten km from Spiljon, Spili, Crete. Annual. Wild. Seed.

495370. 1198. Greece. North of Armeni, Crete. Annual. Wild. Seed.

495371. 1226. Greece. Petaloides, 26km from Rhodes, above Butterflies Bar, Crete. Annual. Wild. Seed.

495372. 1262. Cyprus. Near Kythrea. Annual. Wild. Seed.

495373. 1367b. Lebanon. Maksch-Idita. Annual. Wild. Seed.

495374. 1463. Greece. Xanthi to Thessaloniki. Annual. Wild. Seed.

495375. 1483a. Greece. Between Xanthi and Kavala. Annual. Wild. Seed.

495376. 1521. France. Mount St. Antoenne, Cannes. Annual. Wild. Seed.

495377. 1583. Spain. Chiclana, Cadiz. Annual. Wild. Seed.

495378. 1656. France. Biguglia, Corsica. Annual. Wild. Seed.

495379. 1664. France. Aleria. Annual. Wild. Seed.

495380. 1672. France. Biguglia, Corsica. Annual. Wild. Seed.

495381. 1776. Italy. Adana. Annual. Wild. Seed.

495382. 1784. France. Corsica. Annual. Wild. Seed.

495383. 1794. Italy. San Martino. Annual. Wild. Seed.

495384. 1802. Annual. Wild. Seed.

495385. 1956. Annual. Wild. Seed.

495336 TO 495395-continued

495386. 1983. Annual. Wild. Seed.

495387. 2042. Annual. Wild. Seed.

495388. 2063. Italy. Collected 1968. Pantelleria. Annual. Wild. Seed.

495389. 2064. Italy. Collected 1968. Pantelleria. Annual. Wild. Seed.

495390. 2065. Italy. Collected 1968. Pantelleria. Annual. Wild. Seed.

495391. 2143. Italy. Collected 1968. Pantelleria. Annual. Wild. Seed.

495392. 2176. Italy. Collected 1968. Agrigento, Sicily. Annual. Wild. Seed.

495393. 2534. Algeria. Collected 1974. Road to Setif, 5km from Constantine. Annual. Wild. Seed.

495394. 2572. Algeria. Collected 1974. Road from Annaba, 60km to Constantine. Annual. Wild. Seed.

495395. 2799. Algeria. Collected 1974. Road from Souk Ahras, 84.5km from Annaba. Annual. Wild. Seed.

495396 TO 495402. Medicago muricoleptis Tineo (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, Md. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received January 1985.

495396. 765. Italy. Collesano, Sicily. Annual. Wild. Seed.

495397. 766. Italy. Collesano, Sicily. Annual. Wild. Seed.

495398. 767. Italy. Collesano, Sicily. Annual. Wild. Seed.

495399. 767a. Italy. Collesano, Sicily. Annual. Wild. Seed.

495400. 768. Italy. Collesano, Sicily. Annual. Wild. Seed.

495401. 770. Italy. Collesano, Sicily. Annual. Wild. Seed.

495402. 2149. Italy. Collected 1968. East, 17km of Potenza.

495396 TO 495402-continued
Annual. Wild. Seed.

495403 TO 495415. Medicago noeana Boiss. (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, Md. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received January 1985.

495403. 596. Turkey. Goblas. Annual. Wild. Seed.

495404. 635. Turkey. Cilcime village, Burc, Gaziantep. Annual. Wild. Seed.

495405. 675. Turkey. North, 3km of Erdimli. Annual. Wild. Seed.

495406. 812. Turkey. Dobapdere, Ankara. Annual. Wild. Seed.

495407. 832. Turkey. Cavundur ciftligi, 7km west of Ankara. Annual. Wild. Seed.

495408. 835. Turkey. On way to Haymana, 39km from Ankara. Annual. Wild. Seed.

495409. 841. Turkey. On way to Haymana, 49km from Ankara. Annual. Wild. Seed.

495410. 897. Turkey. Kurum village, Burc, Gaziantep. Annual. Wild. Seed.

495411. 936. Greece. Acropol, Athens. Annual. Wild. Seed.

495412. 1433. Turkey. Near Ankara. Annual. Wild. Seed.

495413. 1753. Turkey. West 10km of Siirt, Siirt Province. Annual. Wild. Seed.

495414. 1855. Annual. Wild. Seed.

495415. 1974(a). Annual. Wild. Seed.

495416 TO 495434. Medicago praecox DC. (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, Md. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science,

495416 TO 495434-continued
University of Alberta.
Received January 1985.

495416. 408. Annual. Wild. Seed.

495417. 461. Annual. Wild. Seed.

495418. 778. Italy. Collesano, Sicily. Annual. Wild. Seed.

495419. 935. Greece. Acropol, Athens. Annual. Wild. Seed.

495420. 956. Greece. Korinthos. Annual. Wild. Seed.

495421. 959. Greece. Korinthos. Annual. Wild. Seed.

495422. 1071. Italy. Capoterra. Annual. Wild. Seed.

495423. 1121. Greece. West, 29km of Nicolavs, Crete. Annual. Wild. Seed.

495424. 1186. Greece. Kotzynos-Pyrgos seashore, Crete. Annual. Wild. Seed.

495425. 1306. Cyprus. Galatos mountains. Annual. Wild. Seed.

495426. 1311. Cyprus. Before Galatos at asbeztus fabric. Annual. Wild. Seed.

495427. 1476. Greece. West, 6km of Kavala. Annual. Wild. Seed.

495428. 1480. Greece. East of Avli, 12km west of Kavala. Annual. Wild. Seed.

495429. 1485. Greece. Seashore. Annual. Wild. Seed.

495430. 1597. Spain. Toledo. Annual. Wild. Seed.

495431. 1597a. Spain. Toledo. Annual. Wild. Seed.

495432. 1597b. Spain. Toledo. Annual. Wild. Seed.

495433. 1654. France. Biguglia, Corsica. Annual. Wild. Seed.

495434. 1654a. France. Biguglia, Corsica. Annual. Wild. Seed.

495435 TO 495575. Medicago rigidula (L.) All. (Fabaceae) Tifton burclover.

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, Md. Code numbers refer to

495435 TO 495575-continued
designations by K.A. Lesins, Dept. of Plant Science,
University of Alberta.
Received January 1985.

495435. 479. Annual. Wild. Seed.

495436. 480. Annual. Wild. Seed.

495437. 481. Annual. Wild. Seed.

495438. 482. Annual. Wild. Seed.

495439. 483. Annual. Wild. Seed.

495440. 484. Annual. Wild. Seed.

495441. 485. Annual. Wild. Seed.

495442. 486. Annual. Wild. Seed.

495443. 488. Annual. Wild. Seed.

495444. 489. Annual. Wild. Seed.

495445. 489b. Annual. Wild. Seed.

495446. 491. Annual. Wild. Seed.

495447. 492. Annual. Wild. Seed.

495448. 492b. Annual. Wild. Seed.

495449. 588. Turkey. Terasli saha Tupla fabrikasi. Annual. Wild. Seed.

495450. 594. Turkey. Goblas. Annual. Wild. Seed.

495451. 594a. Turkey. Goblas. Annual. Wild. Seed.

495452. 595. Turkey. Goblas. Annual. Wild. Seed.

495453. 598. Turkey. South, 10km of Kizilcahamam. Annual. Wild. Seed.

495454. 602. Turkey. At seref likochisar. Annual. Wild. Seed.

495455. 612. Turkey. Bala state prod. farm. Annual. Wild. Seed.

495456. 619. Turkey. Ceyhan Cokca. Annual. Wild. Seed.

495457. 619a. Turkey. Ceyhan Cokca. Annual. Wild. Seed.

495458. 622. Turkey. Baspirar-Gaziantep road. Annual. Wild. Seed.

495459. 624. Turkey. Burc road, Gaziantep. Annual. Wild. Seed.

495460. 626. Turkey. Kurum village, Burc-Gaziantep road. Annual. Wild. Seed.

495461. 628. Turkey. Hasanbeyli village, Osmanye-Adana. Annual. Wild. Seed.

495462. 632. Turkey. Burc around Gaziantep. Annual. Wild. Seed.

495463. 632b. Turkey. Burc around Gaziantep. Annual. Wild. Seed.

495464. 633. Turkey. Mahramah, Burc-Gaziantep. Annual. Wild. Seed.

495465. 637. Turkey. Cilcime village, Burc-Gaziantep. Annual. Wild. Seed.

495466. 640. Turkey. Keriz village, Burc-Gaziantep. Annual. Wild. Seed.

495467. 643. Turkey. Kanligecit Osmaiye, Adana. Annual. Wild. Seed.

495468. 648. Turkey. Siklicerit village, after Keferdiz, Gaziantep. Annual. Wild. Seed.

495469. 649. Turkey. Siklicerit village, after Keferdiz, Gaziantep. Annual. Wild. Seed.

495470. 654. Turkey. Karadag, Gaziantep, 10km after Yavuzeli. Annual. Wild. Seed.

495471. 655. Turkey. Bedir village, Gaziantep. Annual. Wild. Seed.

495472. 658a. Turkey. Karakayu village, 26km north of Gaziantep. Annual. Wild. Seed.

495473. 658b. Turkey. Karakayu village, 26km north of Gaziantep. Annual. Wild. Seed.

495474. 661. Turkey. Gaziantep and Maras Provinces border, 33km north of Gaziantep. Annual. Wild. Seed.

495475. 677. Turkey. Roadside, Alata Gardner School, Edemli-Mersin. Annual. Wild. Seed.

495476. 678. Turkey. Kurttepe, Adana. Annual. Wild. Seed.

495477. 709. Italy. Itri, 126km south of Rome. Annual. Wild. Seed.

495478. 826. Turkey. Cavundur ciftligi, 7km west of Ankara. Annual. Wild. Seed.

495479. 830. Turkey. Cavundur ciftligi, 7km west of Ankara. Annual. Wild. Seed.

495480. 837. Turkey. From Ankara, 39km on road to Haymana. Annual. Wild. Seed.

495481. 844. Turkey. Haymana. Annual. Wild. Seed.

495482. 846. Turkey. Haymana-Ankara. Annual. Wild. Seed.

495483. 847. Turkey. Haymana-Ankara. Annual. Wild. Seed.

495484. 887. Turkey. Gumusane. Annual. Wild. Seed.

495485. 901. Turkey. North, 3km of Saray, between Ankara and Kizilcahamam road. Annual. Wild. Seed.

495486. 904. Turkey. Adana-Ankara Road, Soguk Pimay Porduti, Adana. Annual. Wild. Seed.

495487. 907. Turkey. Beyman. Annual. Wild. Seed.

495488. 909. Turkey. Adana, Gaziantep. Annual. Wild. Seed.

495489. 910. Turkey. Near Susuz on protected area. Annual. Wild. Seed.

495490. 914. Turkey. Adana, Gaziantep. Annual. Wild. Seed.

495491. 920. Turkey. Adana, Gaziantep. Annual. Wild. Seed.

495492. 921. Turkey. Adana, Gaziantep. Annual. Wild. Seed.

495493. 922. Turkey. Adana, Gaziantep. Annual. Wild. Seed.

495494. 945. Greece. Temple of Zeus, Athens. Annual. Wild. Seed.

495495. 958. Greece. Korinthos. Annual. Wild. Seed.

495496. 972. Greece. Siatista. Annual. Wild. Seed.

495497. 993. Greece. On way to Blue Grotto. Annual. Wild. Seed.

495498. 1009. Turkey. Adana, Gaziantep. Annual. Wild. Seed.

495499. 1010. Turkey. Ankara, Haymana. Annual. Wild. Seed.

495500. 1011. Turkey. Ankara, Haymana. Annual. Wild. Seed.

495501. 1023. Italy. Lazzi near Florence. Annual. Wild. Seed.

495502. 1137. Greece. From Kritsa to Nikolavs. Annual. Wild. Seed.

495503. 1192. Greece. Ten km from Spiljon, Spili, Crete. Annual. Wild. Seed.

495504. 1235. Greece. High, woody pine mountain, 44km from Rhodes, Crete. Annual. Wild. Seed.

495505. 1261. Cyprus. Near Kythrea. Annual. Wild. Seed.

495506. 1324. Lebanon. After Sofar across from police house. Annual. Wild. Seed.

495507. 1326. Lebanon. After Sofar across from police house. Annual. Wild. Seed.

495508. 1328. Lebanon. Between Dahrel Baidar and Tabal Knisch on Falougha road. Annual. Wild. Seed.

495509. 1328a. Lebanon. Between Dahrel Baidar and Tabal Knisch on Falougha road. Annual. Wild. Seed.

495510. 1328b. Lebanon. Between Dahrel Baidar and Tabal Knisch on Falougha road. Annual. Wild. Seed.

495511. 1330. Lebanon. Between Dahrel Baidar and Tabal Knisch on Falougha road. Annual. Wild. Seed.

495512. 1351. Lebanon. Fayadieh, above Beirut, 6km from Beirut French college. Annual. Wild. Seed.

495513. 1356. Lebanon. Sofar. Annual. Wild. Seed.

495514. 1372. Lebanon. Chtaura. Annual. Wild. Seed.

495515. 1431. Turkey. Near Ankara. Annual. Wild. Seed.

495516. 1445. Greece. Thessaloniki-Serrai. Annual. Wild. Seed.

495517. 1449. Greece. West, 30km of Drama Alstrachi. Annual. Wild. Seed.

495518. 1459. Greece. Xanthi. Annual. Wild. Seed.

495519. 1469. Greece. East, 6km of Kavala. Annual. Wild. Seed.

495520. 1481. Greece. East of Avli, 12km west of Kavala. Annual. Wild. Seed.

495521. 1489. Greece. East of Avli, 12km west of Kavala. Annual. Wild. Seed.

495522. 1495. Greece. Ghaliosos. Annual. Wild. Seed.

495523. 1527. Italy. Badolucco. Annual. Wild. Seed.

495524. 1539. Spain. Approx. 50km NE of Barcelona. Annual. Wild. Seed.

495525. 1595. Spain. Toledo. Annual. Wild. Seed.

495526. 1619. France. Estagel. Annual. Wild. Seed.

495527. 1652. France. Montpellier Botanic Garden. Annual. Wild. Seed.

495528. 1661. France. Aleria. Annual. Wild. Seed.

495529. 1669. France. Biguglia, Corsica. Annual. Wild. Seed.

495530. 1677. France. Biguglia, Corsica. Annual. Wild. Seed.

495531. 1691. Italy. Compo di Joeve. Annual. Wild. Seed.

495532. 1694. Italy. Sulmona. Annual. Wild. Seed.

495533. 1699. Italy. Over Cocullo. Annual. Wild. Seed.

495534. 1704. Italy. Near Sulmona at floodgate. Annual. Wild. Seed.

495535. 1710. Italy. Sulmona. Annual. Wild. Seed.

495536. 1715. Italy. Pacentro, near Sulmona. Annual. Wild. Seed.

495537. 1722. Italy. Bagni di Tivoli. Annual. Wild. Seed.

495538. 1734. Turkey. Ucbas Koyu, near Kizilcaham, Ankara Province. Annual. Wild. Seed.

495539. 1740. Turkey. Alman Pinarli Karatash, Adana. Annual. Wild. Seed.

495540. 1741. Turkey. Kehriz Koyu, Gaziantep Province. Annual. Wild. Seed.

495541. 1743. Turkey. Fifty-two km from Urfa, Diyarbakir Province. Annual. Wild. Seed.

495542. 1745. Turkey. Akziyaret Mintikas, 30km from Urfa, Urfa Province. Annual. Wild. Seed.

495543. 1746. Turkey. Keferdiz, Taurus Mt., Gaziantep Province. Annual. Wild. Seed.

495544. 1757. Turkey. Karamanaloo Collection. Annual. Wild. Seed.

495545. 1758. Turkey. Karamanaloo Collection. Annual. Wild. Seed.

495546. 1805. Annual. Wild. Seed.

495547. 1894. Annual. Wild. Seed.

495548. 1898. Annual. Wild. Seed.

495549. 1929. Annual. Wild. Seed.

495550. 1930. Annual. Wild. Seed.

495551. 1931. Annual. Wild. Seed.

495552. 1932. Annual. Wild. Seed.

495553. 1933. Annual. Wild. Seed.

495554. 1934. Annual. Wild. Seed.

495555. 1935. Annual. Wild. Seed.

495556. 1936. Annual. Wild. Seed.

495557. 1937. Annual. Wild. Seed.

495558. 1939. Annual. Wild. Seed.

495559. 1940. Annual. Wild. Seed.

495560. 2005. Annual. Wild. Seed.

495561. 2006. Annual. Wild. Seed.

495562. 2074. Italy. Collected 1968. Mantredano, Viesta Gargano. Annual. Wild. Seed.

495563. 2097. Italy. Collected 1968. Below Mt. Sparviere, S. Lorenze Bellizza, Calabria. Annual. Wild. Seed.

495564. 2111. Italy. Collected 1968. Gargano, Varano. Annual. Wild. Seed.

495565. 2118. Italy. Collected 1968. Perschici (5km to Rodi), Gargano. Annual. Wild. Seed.

495566. 2171. Italy. Collected 1968. Portenza-Atena, Lucania-

495435 TO 495575-continued
Lagonegro. Annual. Wild. Seed.

495567. 2182. Soviet Union. Botanical Gardens, Tiflis. Annual. Wild. Seed.

495568. 2281. Soviet Union. Tiflis. Annual. Wild. Seed.

495569. 2387. Greece. Collected 1973. Near turn to Mt. Colla, Karpathos Island. Annual. Wild. Seed.

495570. 2789. Algeria. Collected 1974. Road from Tlemcen, 2-3km past Termi. Annual. Wild. Seed.

495571. 2804. Algeria. Collected 1974. Three km past Termi. Annual. Wild. Seed.

495572. 2805. Algeria. Collected 1974. Three km past Termi. Annual. Wild. Seed.

495573. 2806. Algeria. Collected 1974. Three km past Termi. Annual. Wild. Seed.

495574. 2815. Hungary. Tapioszele. M.A. Ali, National Institute of Agrobotany. Collected 1975. Annual. Wild. Seed.

495575. 2820. Hungary. Tapioszele. M.A. Ali, National Institute of Agrobotany. Collected 1975. Annual. Wild. Seed.

495576 TO 495591. Medicago rotata Boiss. (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, Md. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received January 1985.

495576. 500. Annual. Wild. Seed.

495577. 750. Italy. San Martino, Sicily. Annual. Wild. Seed.

495578. 865. Turkey. Mersin. Annual. Wild. Seed.

495579. 869. Turkey. Mersin. Annual. Wild. Seed.

495580. 870(1). Turkey. Mersin. Annual. Wild. Seed.

495581. 870(2). Turkey. Mersin. Annual. Wild. Seed.

495582. 870(3). Turkey. Mersin. Annual. Wild. Seed.

495583. 870(5). Turkey. Mersin. Annual. Wild. Seed.

495584. 870(6). Turkey. Mersin. Annual. Wild. Seed.

495585. 872. Turkey. Mersin. Annual. Wild. Seed.

495586. 1370. Lebanon. Maksch-Idita. Annual. Wild. Seed.

495587. 1371. Lebanon. Maksch-Idita. Annual. Wild. Seed.

495588. 1383. Lebanon. Before USA University Farm. Annual. Wild. Seed.

495589. 1426. Lebanon. Before USA University Farm. Annual. Wild. Seed.

495590. 1777. Turkey. Collected 1962. Mersin. Annual. Wild. Seed.

495591. 1777(a). Turkey. Collected 1962. Mersin. Annual. Wild. Seed.

495592 TO 495593. Medicago shepardii Post ex Boiss. (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, Md. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received January 1985.

495592. 684. Turkey. North, 33km of Gaziantep. Annual. Wild. Seed.

495593. 1754. Turkey. Siverek, basalt soil, Urfa Province. Annual. Wild. Seed.

495594 TO 495595. Triticum aestivum L. (Poaceae) Common wheat.

From United States. Donated by Texas Agricultural Experiment Station, Texas A&M University; Bushland, Texas.
Received March 1985.

495594. TX80GH2875. TAM 107. United States. TAM 105 *3/Amigo. Day-neutral hard red type. Maturity early. Plants semi-dwarf, awned, brown-chaffed. Yield excellent. Resistant to powdery mildew; biotype A,B,C greenbug. Partially resistant to stem rust. Susceptible to type E greenbug, leaf & stripe rust, Septoria tritici, Septoria nodorum, barley yellow dwarf virus, soil borne Mosaic virus.

Milling and baking qualities satisfactory, protein content low. Best suited to limited irrigation. Winter Annual. Cultivar. Seed.

495595. TX71A562-6-28. TAM 108. United States. Sturdy Sib, 391-56-D8/Triumph//Centurk. Hard red type. Maturity medium. Plants semi-dwarf, white-chaffed. Yield excellent. Very resistant to soil borne mosaic virus. Resistant to stem rust, isolates of 15B-2, 151, and 11-32-113, and to powdery mildew. Possibly resistant to stripe rust. Susceptible to leaf rust, Septoria tritici, Septoria nodorum and barley yellow dwarf virus. Milling and baking qualities satisfactory, protein content low, mellow gluten. Best suited to irrigation. Winter Annual. Cultivar. Seed.

495596. Amorpha fruticosa L. (Fabaceae) Indigobush.

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

27. United States. Collected September 23, 1984. Extreme NE corner of T1N R13E Sec 18, Kinters' Ford WMA, Richardson Co., NE. 300m. Plant bushy to 2m tall, growing on dry mud flat with Populus, Cassia, Ambrosia, and grasses. Perennial Woody. Wild. Seed.

495597 TO 495598. Ampelopsis cordata Michx. (Vitaceae).

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

495597. 16. United States. Collected September 22, 1984. About 800m SE of parking area, Thurnau State Wildlife Area, Missouri. 260m. Plant high vine in floodplain forest, growing with Celtis, Morus, and Toxicodendron. Fruit past prime. Local name Raccoon grape. Perennial Woody. Wild. Seed.

495598. 24. United States. Collected September 23, 1984. Indian Cave State Park, Barada Quad., Richardson, Nebraska. 263m. Plant tall vine in floodplain with Salix, Morus, cottonwood, and Vitis. Local name Raccoon grape. Perennial Woody. Wild. Seed.

495599. Asimina triloba (L.) Dunal (Annonaceae) Pawpaw.

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

13. United States. Collected September 22, 1984. Extreme SW corner of T59N R37W Sec 24, Monkey Mt. Wildlife Area, Holt Co. MO. 261m. Plants in thicket of small trees W of parking area, growing with Acer, Celtis, and Juglans. Fruit abundant. Tree. Wild. Seed.

495600. Campsis radicans (L.) Seem. ex Bur. (Bignoniaceae) Trumpet-creeper.

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

28. United States. Collected September 24, 1984. Brickyard Hill State Wildlife Area (T65N R41W Sec 7), Atchison Co., MO. 345m. Plant to 1.5m tall, growing in old field, possibly old homestead, with Solidago, Cornus and grasses. Perennial Woody. Wild. Seed.

495601. Cercis canadensis L. (Fabaceae).

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

19. United States. Collected September 23, 1984. Indian Cave State Park (T4N R16E Sec 36), Nemaha Co., Nebraska. 336m. Plant small tree to 6m, growing with red oak, Desmodium, and Cornus. Local name redbud. Tree. Wild. Seed.

495602. Cornus amomum Mill. (Cornaceae) Silky Dogwood.

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

14. United States. Collected September 22, 1984. West edge of Forbes Cemetery, Holt Co. (T59N R37W Sec 20), Missouri. 315m. Plants large to 4m, growing with blackberry, elm, and honeylocust. Fruits light blue.

495602-continued
Perennial Woody. Wild. Seed.

495603 TO 495605. Cornus drummondii C. A. Mey. (Cornaceae) Roughleaf dogwood.

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

495603. 4. United States. Collected September 21, 1984. Pierce Creek Co. Recreation Area, Page Co. (T70N R39W Sec 29), Iowa. 312m. Plant to 3m growing in field with Solidago and Aster near lakeshore. Perennial Woody. Wild. Seed.

495604. 8. United States. Collected September 21, 1984. Lake of Three Fires State Park, near NW corner of T68N R33W Sec 7, Iowa. 357m. Plants in wide thicket to 2m tall, heavy fruiting, growing along south end of parking area in association with Juniperus, Rhus, Xanthoxylum, and Morus. Perennial Woody. Wild. Seed.

495605. 17. United States. Collected September 23, 1984. Indian Cave State Park, Nemaha Co. (T4N R16E Sec 36), Nebraska. 330m. Plants growing on ridge with Xanthoxylum, Sorghastrum, Rosa, Fraxinus, and Rhus. Leaves intense dark red. Perennial Woody. Wild. Seed.

495606. Corylus americana Marsh. (Betulaceae) American hazel.

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

1. United States. Collected September 21, 1984. Lake Icaria Co. Recreation Area, Adams Co. (T72N R34W Sec 10), Iowa. 354m. Plants large clump on E-facing slope with shagbark hickory, basswood, and red oak. Local name Hazelnut. Perennial Woody. Wild. Seed.

495607 TO 495608. Euonymus atropurpurea Jacq. (Celastraceae).

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

495607. 2. United States. Collected September 21, 1984. Lake Icaria Co. Recreation Area, Adams Co., (T72N R34W Sec

10), Iowa. 351m. Plants to 2.5m tall, near lakeshore with smooth sumac and black walnut. Local name Wahoo. Perennial Woody. Wild. Seed.

495608. 23. United States. Collected September 23, 1984. Indian Cave State Park, Richardson Co. (T3N R17E Sec 9), Nebraska. 276m. Plant to 1.5m, growing on edge of cliff with Celtis and Smilax. Fruit abundant. Local name Wahoo. Perennial Woody. Wild. Seed.

495609. Gymnocladus dioica (L.) Koch (Fabaceae).

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

15. United States. Collected September 22, 1984. Squaw Creek N.W.R., Holt Co. (T61N R38W Sec 30), Missouri. Plants tall, associated with Morus, Celtis, Menispermum, and Helenium. Seed gathered from ground. Local name Kentucky coffee bean tree.

495610. Helianthus rigidus (Cass.) Desf. subsp. rigidus (Asteraceae) Stiff sunflower.

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

11. United States. Collected September 22, 1984. Monkey Mt. Wildlife Area, Holt Co. (T59N R37W Sec 24), Missouri. 312m. Plants along trail in old field with grasses, Erigeron, Fraxinus and Ulmus. Received as Helianthus laetiforus var. rigidus. Seed.

495611. Ostrya virginiana (Mill.) K. Koch (Betulaceae).

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

12. United States. Collected September 22, 1984. Monkey Mt. Wildlife Area, Holt Co. (T59N R37W Sec 24), Missouri. 282m. Plant well formed, upright to about 8m tall, associated in woodland with white ash, red oak, Solidago, and Eupatorium. Local name Hop Hornbeam. Tree. Wild. Seed.

495612. Parthenocissus sp. (Vitaceae).

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

5. United States. Collected September 21, 1984. Nodaway Valley Co. Park, Page Co. (T69N R36W Sec 22), Iowa. 336m. Plant large vine growing on honeylocust with Ulmus, Rubus, and Symphoricarpos. Leaves bright red. Fruit abundant. Local name Virginia creeper. Perennial Woody. Wild. Seed.

495613. Prunus mexicana S. Watson (Rosaceae).

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

3. United States. Collected September 21, 1984. Hacklebarney Woods Co. Park, Montgomery Co. (T71N R36W Sec 3), Iowa. 336m. Plants in thicket, 2-3m tall with smooth sumac and Cornus. Leaves turning red. Fruit rose colored with gray bloom. Local name Big tree plum. Wild. Seed.

495614 TO 495615. Quercus muehlenbergii Engelman (Fagaceae).

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

495614. 9. United States. Collected September 22, 1984. Monkey Mt. Wildlife Area, Holt Co. (T59N R37W Sec 24), Missouri. 282m. Population of young plants to 6m tall growing along ridge of south boundary road with red oak, redbud, Triosteum, Carya, and Rhus. Local name Chinkapin oak. Tree. Wild. Seed.

495615. 18. United States. Collected September 23, 1984. Indian Cave State Park, Nemaha Co. (T4N R16E Sec 36), Nebraska. 345m. Plants wide to 10m tall with understory of Cornus, Sorghastrum, and Fraxinus. Local name Chinkapin oak. Tree. Wild. Seed.

495616 TO 495618. Rosa setigera Michx. (Rosaceae).

From United States. Collected by Widrlechner, M.P.; North Central

495616 TO 495618-continued
Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

495616. 20. United States. Collected September 23, 1984. Indian Cave State Park, Nemaha Co. (T4N R16E Sec 36), Nebraska. 339m. Plant shaped fountain-like, to 1 m tall, growing with Rhus, Cornus, and Quercus borealis. Local name Climbing rose. Perennial Woody. Wild. Seed.

495617. 22. United States. Collected September 23, 1984. Indian Cave State Park, Richardson Co. (T3N R17E Sec 9), Nebraska. 264m. Plant nearly procumbent, growing at base of bluff with Apocynum, Solidago, and cottonwood. Local name Climbing rose. Perennial Woody. Wild. Seed.

495618. 29. United States. Collected September 24, 1984. Brickyard Hill State Wildlife Area, Atchison Co. (T65N R41W Sec 7), MO. 345m. Plants with arching canes to 2.5m long, growing with Cornus, Cassia, Ulmus, and Rhus. Local name Climbing rose. Perennial Woody. Wild. Seed.

495619. Staphylea trifolia L. (Staphyleaceae).

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

21. United States. Collected September 23, 1984. Indian Cave State Park, Richardson Co. (T3N R17E Sec 9), Nebraska. 264m. Plants to 3m tall, growing at base of bluff with Menispermum, Eupatorium, Fraxinus, and Celtis. Local name Bladdernut. Tree. Wild. Seed.

495620. Symphoricarpos orbiculatus Moench (Caprifoliaceae) Coralberry.

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

10. United States. Collected September 22, 1984. Monkey Mt. Wildlife Area, Holt Co. (T59N R37W Sec 24), Missouri. 318m. Plants low, growing in old field with Solidago, Gleditsia, and Quercus muehlenbergii. Perennial Woody. Wild. Seed.

495621. Viburnum dentatum L. (Caprifoliaceae).

From United States. Collected by Widrlechner, M.P.; North Central

495621-continued
Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

6. United States. Collected September 21, 1984. Lake of Three Fires State Park, Taylor Co. (T68N R34W Sec 12), Iowa. 348m. Plant large to 4m, in heavy fruit, growing with Ulmus, Cercis, and Carya. Local name Arrowwood. Perennial Woody. Wild. Seed.

495622. Vitis riparia Michx. (Vitaceae) Riverbank grape.

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa.
Received December 1984.

25. United States. Collected September 23, 1984. Indian Cave State Park, Richardson Co. (T3N R17E Sec 5), Nebraska. 285m. Vine on Cornus, Ulmus, Acer, and Juglans. Fruit sweet. Perennial Woody. Wild. Seed.

495623 TO 495625. Erianthus sp. (Poaceae).

From United States. Donated by Plant Pathology Laboratory, USDA-ARS; Beltsville, Maryland.
Received January 1985.

495623. 3584. United States. Leeburg, Florida. Collected by C.O. Grassl. Plants.

495624. 3588. United States. Tallahassee, Florida. Collected by B.A. Belcher. Plants.

495625. 3605. United States. Pinehurst, Georgia. Collected by C.O. Grassl. Plants.

495626. Ripidium hybrid (Poaceae).

From United States. Donated by Plant Pathology Laboratory, USDA-ARS; Beltsville, Maryland.
Received January 1985.

May be a Ripidium/Saccharum cross, made by C.O. Grassl. Plants.

495627 TO 495631. Ripidium sp. (Poaceae).

From United States. Donated by Plant Pathology Laboratory, USDA-

495627 TO 495631-continued
ARS; Beltsville, Maryland.
Received January 1985.

495627. Plants.

495628. Plants.

495629. Plants.

495630. 4958. Pakistan. Mardan. Plants.

495631. 6592. IK76-021. Indonesia. Collected 1976. Sakayam River above Sanggau. Plants.

495632 TO 495633. Saccharum arundinaceum Retz. (Poaceae).

From United States. Donated by Plant Pathology Laboratory, USDA-ARS; Beltsville, Maryland.
Received January 1985.

495632. 3386. Myitkyina 6. Burma. Myitkyina. Received as Ripidium arundinaceum. Plants.

495633. 3388. Myitkyina 8. Burma. Myitkyina. Received as Ripidium arundinaceum. Plants.

495634 TO 495635. Saccharum barberi Jeswiet (Poaceae).

From United States. Donated by Plant Pathology Laboratory, USDA-ARS; Beltsville, Maryland.
Received January 1985.

495634. 1487. Masavgen. India. East Punjab. Saretha group. Plants.

495635. Iran. Plants.

495636. Saccharum bengalense Retz. (Poaceae).

From United States. Donated by Plant Pathology Laboratory, USDA-ARS; Beltsville, Maryland.
Received January 1985.

2886. United States. North Dunnellin, Florida. Collected by B.A. Belcher. Received as Ripidium bengalense. Plants.

495637. Saccharum hybrid (Poaceae) Sugarcane.

From United States. Donated by Plant Pathology Laboratory, USDA-

495637-continued
ARS; Beltsville, Maryland.
Received January 1985.

0056. Toledo. S. officinarum/S. spontaneum. Received from Manila, Philippines. Plants.

495638 TO 495710. Saccharum officinarum L. (Poaceae) Sugarcane.

From United States. Donated by Plant Pathology Laboratory, USDA-ARS; Beltsville, Maryland.
Received January 1985.

495638. 0001. D 0109. Received from Puerto Rico. Descendant of "white transparent". Plants.

495639. 0005. Louisiana Purple. United States. Received from Louisiana. Plants.

495640. 0010. Crystalina. Received from Puerto Rico. Plants.

495641. 0018. POJ 0234. Indonesia. Black Cheribon/Chunnee. Received from Pernambuco, Brazil. Plants.

495642. 0031. Green Ribbon. Received from Canal Point, Florida. Plants.

495643. 0038. POJ 2725. Indonesia. POJ 2364/EK 28. Plants.

495644. 0105. Spaansch. Plants.

495645. 0110. POJ 2714. Indonesia. POJ 100/EK 28. Plants.

495646. 0227. 96 NG 024. Papua New Guinea. Collected 1896. Goru strain. Plants.

495647. 0251. D 0095. Received from Lousiana. Descendant of "white transparent". Plants.

495648. 0623. 14 NG 241. Papua New Guinea. Collected 1914. Rabaul, New Britian Island. "Manemo". Plants.

495649. 0707. 28 NG X. Papua New Guinea. Collected 1928. Received from Australia. Plants.

495650. 0723. Loethers. Indonesia. Java. Received from Australia. Plants.

495651. 0768. Bambu Morada. "Red Preanger". Received through Cuba. Plants.

495652. 0824A. Pakaweli Green. Received from Hawaii. Plants.

495653. 0838. Hawaii Original 52. United States. Received from Hawaii. Plants.

495654. 0850. Tahiti 3. Received from Hawaii. Plants.

495655. 1422. Louisiana Striped. United States. Received from Louisiana. Plants.

495656. 1424. Simpson. Received from Coimbatore, India. Plants.

495657. 1564. D 0074. Received from Georgetown, Guyana. Plants.

495658. 4426. 96 NG 24A. Papua New Guinea. Collected 1896. Goru strain. Received from Coimbatore, India. Plants.

495659. 7225. Hawaiian UBA. United States. Received from HSPA, Hawaii. Plants.

495660. 7511. Pilimai 60. Received from Coimbatore, India. Plants.

495661. 7671. Tainan. China, Republic of. Plants.

495662. 7743. PM 72. POJ 2878/CO 290. Received from Mexico City, Mexico. Plants.

495663. 8095. S. officinarum No. 7. Malaysia. Plants.

495664. 8100. S. officinarum No. 18. Malaysia. Received from Kuala Lampur, Malaysia. Plants.

495665. 8263. Malaysia. Plants.

495666. 8266. Malaysia. Plants.

495667. 8268. Malaysia. Plants.

495668. 8269. Malaysia. Plants.

495669. 8270. Malaysia. Plants.

495670. 8272. Malaysia. Plants.

495671. 8275. Malaysia. Plants.

495672. 8276. Malaysia. Plants.

495673. 8277. Malaysia. Plants.

495674. 8280. Malaysia. Plants.

495675. 8284. Malaysia. Plants.

495676. 8435. Madera. Spain. Plants.

495677. 8493. Azul de Casa. Received from Coimbatore, India. Plants.

495678. 8495. Mahona. Received from Coimbatore, India. Plants.

495679. 8498. Timor Riet. Received from Coimbatore, India. Plants.

495680. 8499. UB 14. UBA/Badila. Received from Hawaii. Plants.

495681. 8502. Kham. Received from Nadu, India. Plants.

495682. 8506. 28 NG 215. Papua New Guinea. Collected 1928. Received from Coimbatore, India. Plants.

495683. 8507. 51 NG 058. Papua New Guinea. Collected 1951. Received from Coimbatore, India. Plants.

495684. 8508. 51 NG 105. Papua New Guinea. Collected 1951. Received from Coimbatore, India. Plants.

495685. 4509. 57 NG 191. Papua New Guinea. Collected 1957. Received from Coimbatore, India. Plants.

495686. 8510. 57 NG 203. Papua New Guinea. Collected 1957. Received from Coimbatore, India. Plants.

495687. 8513. Pakaweli 2. Received from Tamil Nadu, India. Plants.

495688. 8521. 28 NG 045. Papua New Guinea. Collected 1928. Received from Coimbatore, India. Plants.

495689. 8522. 28 NG 055. Papua New Guinea. Collected 1928. Received from Coimbatore, India. Plants.

495690. 8526. 57 NG 252. Papua New Guinea. Collected 1957. Received from Coimbatore, India. Plants.

495691. 8527. Bamboo. Received from Coimbatore, India. Plants.

495692. 8529. 57 NG 034. Papua New Guinea. Collected 1957. Received from Coimbatore, India. Plants.

495693. 8530. Cavengerie. Received from Coimbatore, India. Plants.

495694. 8532. Tanna. Received from Coimbatore, India. Plants.

495695. 8534. 21 NG 049. Papua New Guinea. Collected 1921.

495638 TO 495710-continued
Received from Coimbatore, India. Plants.

495696. 8537. 57 NG 192. Papua New Guinea. Collected 1957. Received from Coimbatore, India. Plants.

495697. 8538. Tijeng Bali. Received from Coimbatore, India. Plants.

495698. 8540. 51 NG 099. Papua New Guinea. Collected 1951. Received from Coimbatore, India. Plants.

495699. 8543. 57 NG 006. Papua New Guinea. Collected 1957. Received from Coimbatore, India. Plants.

495700. 8544. 57 NG 050. Papua New Guinea. Collected 1957. Received from Coimbatore, India. Plants.

495701. 8546. 57 NG 174. Papua New Guinea. Collected 1957. Received from Coimbatore, India. Plants.

495702. 8656. Red Lohan. China, Peoples Repub of. Guangzhou Guanghong. Plants.

495703. 8657. Cao cane. China, Republic of. Guangzhou Guanghong. Local type. Cultivated. Plants.

495704. 8659. Lohan Cane. China, Republic of. Guangzhou Guanghong. Loyal type. Cultivated. Plants.

495705. 78/835-5650. Cultivated. Plants.

495706. H 051. Received from Honolulu, Hawaii. Plants.

495707. P 152. Plants.

495708. Saipan. Received from Tamil Nadu, India. Plants.

495709. SS 57-06. Plants.

495710. SS 57-11. Plants.

495711 TO 495717. Saccharum sinense Roxb. (Poaceae).

From United States. Donated by Plant Pathology Laboratory, USDA-ARS; Beltsville, Maryland.
Received January 1985.

495711. 0052. UBA of Naquin. Received via Hawaii. Pansabi group. Plants.

495712. 0062. Tekcha. China, Peoples Repub of. Pansabi group. Plants.

495711 TO 495717-continued

495713. 0126. Cayana 10. United States. Received from Cairo, Georgia. Plants.

495714. 0146A. McIlkrum. Pansabi group. Plants.

495715. 0846. UBA del Natal. Received from Baragua, Cuba. Pansabi group. Plants.

495716. 8658. Lu Cane. China, Peoples Repub of. Guangzhou, Guangdong. Plants.

495717. 8662. Tanzhou Bamboo Cane. China, Peoples Repub of. Guangzhou, Guangdong. Plants.

495718 TO 495723. Saccharum sp. (Poaceae).

From United States. Donated by Plant Pathology Laboratory, USDA-ARS; Beltsville, Maryland.
Received January 1985.

495718. 47 F 2777. Mauritius. Rediut. Plants.

495719. 4869. 47 R 4066. Mauritius. Rediut. Plants.

495720. 5348. CL 41-0223. United States. F 31-436/F 31-452. Received from Clewiston, Florida. Breeding Material. Plants.

495721. 5349. CL 47-0083. United States. CL 41-233/OP. Received from Clewiston, Florida. Breeding Material. Plants.

495722. 5362. CL 54-1910. United States. CL 47-143/CL 47-83. Received from Clewiston, Florida. Breeding Material. Plants.

495723. 8497. Saipan C. Received from Coimbatore, India. Plants.

495724 TO 495787. Saccharum spontaneum L. (Poaceae).

From United States. Donated by Plant Pathology Laboratory, USDA-ARS; Beltsville, Maryland.
Received January 1985.

495724. 0687. Algeria. Near Algiers. Plants.

495725. 1908. Hasuda. Japan. Hasuda. Selection by B.W. Brandes. Plants.

495726. 2092. SES 100A. India. Received from Coimbatore, India. Plants.

495727. 2093. SES 113A. India. Received from Coimbatore, India. Plants.

495728. 2095. SES 154B. India. Received from Coimbatore, India. Plants.

495729. 2096. SES 182. India. Plants.

495730. 2097. SES 186. India. Plants.

495731. 2098. SES 189. India. Plants.

495732. 2099. SES 197A. India. Plants.

495733. 2100. SES 197B. India. Plants.

495734. 2101. SES 205A. India. Plants.

495735. 2102. SES 205B. India. Plants.

495736. 2103. SES 208. India. Plants.

495737. 2105. SES 231. India. Plants.

495738. 2111. SES 365. India. Plants.

495739. 2112. Thailand. Plants.

495740. 2311. PB 52-1-1. Burma. Mandalay. Received from Rio Piedras, Puerto Rico. Plants.

495741. 3033. Holes I. India. Coimbatore. Sugar Breeding Institute. Plants.

495742. 3038. SES 032B. India. Coimbatore. Sugar Breeding Institute. Plants.

495743. 3039. SH 196. India. Coimbatore. Sugar Breeding Institute. Plants.

495744. 3043. SH 301. India. Coimbatore. Sugar Breeding Institute. Plants.

495745. 7352. Iran. Plants.

495746. 7358. Pakistan. Plants.

495747. 7360. Pakistan. Plants.

495748. 8195. S 01. Bangladesh. Plants.

495749. 8203. S 15. Bangladesh. Plants.

495750. 8282. Malaysia. Plants.

495751. 8283. Malaysia. Plants.

495752. 8547. SES 234. Malaysia. Plants.

495753. 8549. SES 246. India. Coimbatore. Sugar Breeding Institute. Plants.

495754. 8550. SES 289A. India. Coimbatore. Sugar Breeding Institute. Plants.

495755. 8634. 75 I 10. China, Peoples Repub of. Guangzhou, Guangdong Province. Sugarcane Industry Research Institute. Plants.

495756. 8638. 75 II 6. China, Peoples Repub of. Guangzhou, Guangdong Province. Sugarcane Industry Research Institute. Plants.

495757. 8639. 75 II 7. China, Peoples Repub of. Guangzhou, Guangdong Province. Sugarcane Industry Research Institute. Plants.

495758. 8640. 75 II 9. China, Peoples Repub of. Guangzhou, Guangdong Province. Sugarcane Industry Research Institute. Plants.

495759. 8641. 75 II 11. China, Peoples Repub of. Guangzhou, Guangdong Province. Sugarcane Industry Research Institute. Plants.

495760. 8643. 75 II 18. China, Peoples Repub of. Guangzhou, Guangdong Province. Sugarcane Industry Research Institute. Plants.

495761. 8645. 75 II 26. China, Peoples Repub of. Guangzhou, Guangdong Province. Sugarcane Industry Research Institute. Plants.

495762. 8646. 75 II 28. China, Peoples Repub of. Guangzhou, Guangdong Province. Sugarcane Industry Research Institute. Plants.

495763. 8647. 75 II 36. China, Peoples Repub of. Guangzhou, Guangdong Province. Sugarcane Industry Research Institute. Plants.

495764. 8651. 76 III 17. China, Peoples Repub of. Guangzhou, Guangdong Province. Sugarcane Industry Research Institute. Plants.

495765. 8652. 76 III 18. China, Peoples Repub of. Guangzhou, Guangdong Province. Sugarcane Industry Research Institute. Plants.

495766. 8653. 78 III 2. China, Peoples Repub of. Guangzhou, Guangdong Province. Sugarcane Industry Research Institute. Plants.

495767. 8654. 78 III 12. China, Peoples Repub of. Guangzhou, Guangdong Province. Sugarcane Industry Research Institute. Plants.

495768. 8655. 78 III 15. China, Peoples Repub of. Guangzhou, Guangdong Province. Sugarcane Industry Research Institute. Plants.

495769. Taiwan 03. China, Republic of. Plants.

495770. Taiwan 11. China, Republic of. Plants.

495771. Taiwan 17. China, Republic of. Plants.

495772. Taiwan 18. China, Republic of. Plants.

495773. Taiwan 20. China, Republic of. Plants.

495774. Taiwan 25. China, Republic of. Plants.

495775. Taiwan 27. China, Republic of. Plants.

495776. Taiwan 28. China, Republic of. Plants.

495777. Taiwan 30. China, Republic of. Plants.

495778. Taiwan 32. China, Republic of. Plants.

495779. Taiwan 33. China, Republic of. Plants.

495780. Taiwan 36. China, Republic of. Plants.

495781. Formosa No. 4. China, Republic of. Formosa. Plants.

495782. IS76-148. Indonesia. Pasuruan. Plants.

495783. Plants.

495784. Plants.

495785. Iran. Plants.

495786. Pakistan. Plants.

495724 TO 495787-continued

495787. Uganda. Plants.

495788 TO 495792. Capsicum annuum L. (Solanaceae).

From Bulgaria. Donated by Institute of Introduction and Plant Resources; 4122 Sadovo, Plovdiv.
Received April 1985.

495788. Dzjuljunska Sipka. Bulgaria. May be Verticillium resistant. Cultivar. Seed.

495789. Kapija 1300. Bulgaria. May be Verticillium resistant. Cultivar. Seed.

495790. Plovdivska Sipka. Bulgaria. May be Verticillium resistant. Cultivar. Seed.

495791. Sorijska kapija. Bulgaria. May be Verticillium resistant. Cultivar. Seed.

495792. Zlaten medal. Bulgaria. May be Verticillium resistant. Cultivar. Seed.

495793 TO 495806. Hordeum vulgare L. (Poaceae) Barley.

From United Kingdom. Donated by Joseph Nickerson Research Center, Nickerson RPB Limited; Rothwell, Lincoln LN7 6DT England.
Received April 1985.

495793. Celt. United Kingdom. RPB 479-77/Sovereign. Two row type. Erectoid growth. Spring Annual. Cultivar. Seed.

495794. Harrier. United Kingdom. Rendo//Golden Promise/CI 1243/3/Volla//Proctor/Emir. Two row type. Erectoid growth. Spring Annual. Cultivar. Seed.

495795. RPB 59-75. United Kingdom. Ark Royal/Abacus. Two row type. Spring Annual. Breeding Material. Seed.

495796. RPB 97-74. United Kingdom. Armelle/Lud//Luke. Two row type. Spring Annual. Breeding Material. Seed.

495797. RPB 173-74. United Kingdom. Emir/HPG 1477.67//Unknown. Two row type. Spring Annual. Breeding Material. Seed.

495798. RPB 468-78. United Kingdom. Claret/RPB 97-74. Two row type. Spring Annual. Breeding Material. Seed.

495799. RPB 616-75. United Kingdom. Luke/Cebeco 6801. Two row type. Spring Annual. Breeding Material. Seed.

495800. RPB 684-75. United Kingdom. USDA selection/Tyra. Two row type. Resistant to cereal cyst nematode. Spring Annual. Breeding Material. Seed.

495801. RPB 706-76. United Kingdom. RPB 101-73/Maris Mink. Two row type. Plants semi-dwarf. Spring Annual. Breeding Material. Seed.

495802. RPB 814-76. United Kingdom. Hassan/Ark Royal. Two row type. Spring Annual. Breeding Material. Seed.

495803. RPB 828-77. United Kingdom. Armelle/Lud//Luke/3/Probs, 734/Tern//Mazurka. Two row type. Spring Annual. Breeding Material. Seed.

495804. RPB 836-76. United Kingdom. RPB 208-71/Luke. Two row type. Spring Annual. Breeding Material. Seed.

495805. Tun. United Kingdom. Dwarf 1/RPB 191-69//Armelle. Two row type. Erectoid growth. Spring Annual. Cultivar. Seed.

495806. Vista. United Kingdom. PF 52213/Claret. Two row type. Resistant to cereal cyst nematode. Spring Annual. Cultivar. Seed.

495807. Bromus sp. (Poaceae).

From China, Peoples Repub of. Donated by Agriculture, Rangeland, and Pasture Development in Gobi Desert, Szen-fan Pasture, Ongniud Banner; Ongniud Qi, Inner Mongolia. Received through R.E. Williamson, John Deere Intercontinental, Ltd., Moline, Illinois.
Received June 1981.

Pien-sui-chueh-me. China, Peoples Repub of. Ongniud Qi. Chinese Communist Council. Ongniud Qi, Inner Mongolia. Cultivated. Seed.

495808 TO 495811. Elymus sp. (Poaceae).

From China, Peoples Repub of. Donated by Agriculture, Rangeland, and Pasture Development in Gobi Desert, Szen-fan Pasture, Ongniud Banner; Ongniud Qi, Inner Mongolia. Received through R.E. Williamson, John Deere Intercontinental, Ltd., Moline, Illinois.
Received June 1981.

495808. China, Peoples Repub of. Ongniud Qi. Agriculture-Forestry Bureau. Ongniud Qi, Inner Mongolia. Cultivated. Seed.

495808 TO 495811-continued

495809. Pi-chien-tsao. China, Peoples Repub of. Ongniud Qi. Post Office-Telephone Company. Ongniud Qi, Inner Mongolia. Plants growing in alkaline soil. Cultivated. Seed.

495810. Ta-me-Tsao. China, Peoples Repub of. Ongniud Qi. General Labor Union. Ongniud Qi, Inner Mongolia. Cultivated. Seed.

495811. China, Peoples Repub of. Ongniud Qi. Labor Bureau. Ongniud Qi, Inner Mongolia. Cultivated. Seed.

495812 TO 495814. Avena sativa L. (Poaceae) Common oat.

From Australia. Donated by Australian Wheat Collection; Tamworth, New South Wales.
Received April 1985.

495812. AT3. Bundalong. Australia. Cayuse/Avon. Breeders J.B. Brouwer and others. Plants shorter than Bulban. Maturity midseason, earlier than Bulban. Yield high. Resistance to barley yellow dwarf virus similar to Bulban. Moderately susceptible to oat stem and crown rust. Suitable for milling and as winter forage. Winter Annual. Cultivar. Seed.

495813. 72Q/137. Murray. Australia. Fulmark/Newton//Swan(66Q01-44)/3/(XBVT 183)Kent/Ballidu (M127)//Curt. Breeders R.J. McLean and P.A. Portmann. Maturity early. Seeds light brown. Yield significantly higher than West in medium and low rainfall regions. Resistant to stem rust with genes Pg1, Pg3. Milling quality better than West. Cultivar. Seed.

495814. 72Q/146. Winjardie. Australia. Fulmark/Newton//Swan(66Q01-44)/3/(XBVT 183)Kent/Ballidu (M127)//Curt. Breeders R.J. McLean and P.A. Portmann. Maturity early to mid-season, slightly later than West. Resistant to stem rust with gene Pg2. Milling and feed quality similar to Moore. Cultivar. Seed.

495815 TO 495819. Triticum aestivum L. (Poaceae) Common wheat.

From Australia. Donated by Australian Wheat Collection; Tamworth, New South Wales.
Received April 1985.

495815. WW246. Corella. Australia. Huelquen/4/Mayo/Norin 10/2/Yaktana 54/3/Kenya/Lincoyan/5/2*Egret. Breeder J.A. Fisher. Soft type. Maturity midseason. Plants awned, white-chaffed. Resistant to stem and stripe rusts. Recommended for growth in southern New South Wales.

495815 TO 495819-continued
Spring Annual. Cultivar. Seed.

495816. IW/459. Cranbrook. Australia. Wren//Ciano 'S'/Noroeste 66/3/Zambezi. Selected by A. Rosielle. Hard white type. Plants shorter than Gamenya. Heads brown-bearded. Maturity early. Yield better than Aroona, Egret, Eradu, and Jacup in high rainfall areas. Resistant to field strains of stem and stripe rusts, probably has Sr 8, Sr 12, Sr 30. Spring Annual. Cultivar. Seed.

495817. M2636. Skua. Australia. 3 Ag 14/4*Condor. Breeder R.H. Martin. Plants short, hard seeded type. Maturity midseason. Plants bearded, free-threshing. Yield equal to Kite and Banks. Good resistance to stem and leaf rusts, from chromosome 3Ag of Agropyron elongatum. Cultivar. Seed.

495818. SUN 64G. Sundor. Australia. 3Ag14/4*Condor. Breeder F.W. Ellison. Hard, white type. Yield superior to Banks and slightly below Condor. Quality similar to Banks and Condor. Resistant to leaf and stem rusts due to Lr 24 and Sr 24. Spring Annual. Cultivar. Seed.

495819. SUN 69A. Sunelg. Australia. 3Ag14/*Kite. Breeder F.W. Ellison. Hard seeded type. Maturity similar to Kite. Yield high. Quality similar to Kite. Tolerant to pre-harvest sprouting. Resistant to stem and leaf rusts, from chromosome 3Ag of Agropyron elongatum. Spring Annual. Cultivar. Seed.

495820 TO 495821. X Triticosecale sp. (Poaceae) Triticale.

From Australia. Donated by Australian Wheat Collection; Tamworth, New South Wales.
Received April 1985.

495820. SAM 145. Samson. Australia. IA-IRA/BUI. Selected by N.L. Darvey. Plants hexaploid. Heads white, awned. Seeds red-brown. Protein content similar to other triticales. Yield better than Satu, Dua, Coorong, Venus. Resistant to leaf, stem, and stripe rusts. Spring Annual. Cultivar. Seed.

495821. T44. Toort. Australia. Koala/Cinnamon. Breeders J.B. Brouwer and others. Plants hexaploid. Heads light brown, awned. Seeds red-brown. Yield superior to Towan and Tyalla. Resistant to wheat stem and stripe rusts; cereal cyst nematode, Septoria tritici, and flag smut. Spring Annual. Cultivar. Seed.

495822. Oxalis tuberosa Mol. (Oxalidaceae) Oca.

From Peru. Collected by Vietmeyer, N.D.; National Research

495822-continued
Council, National Academy of Sciences; Washington, D.C.
Received April 1985.

Peru. University plot, Cuzco. Cultivated. Tubers.

495823 TO 495827. Oryza sativa L. (Poaceae) Rice.

From Hungary. Donated by Simon, I.K.; Research Institute for Irrigation; Szarvas. Received through J. Oster, California Cooperative Rice Research Foundation, Inc., Biggs, CA.
Received April 1985.

495823. G-158. Hungary. Collected 1901. Cultivated. Seed.

495824. GK/82. Hungary. Cultivated. Seed.

495825. M-15. Hungary. Cultivated. Seed.

495826. Mutashali. Hungary. Cultivated. Seed.

495827. Szarvasi - Karcsu. Hungary. Cultivated. Seed.

495828. Oryza nivara Sharma & Shastry (Poaceae).

From Philippines. Donated by International Rice Research Institute; Manila.
Received April 1985.

IRRI 101508. Resistant to grassy stunt. Cultivated. Seed.

495829 TO 495830. Oryza sativa L. (Poaceae) Rice.

From Philippines. Donated by International Rice Research Institute; Manila.
Received April 1985.

495829. IRRI 11462. Nam Sagui 19. Cultivated. Seed.

495830. IRRI 105. TN 1. Cultivated. Seed.

495831 TO 495832. Glycine max (L.) Merr. (Fabaceae) Soybean.

From France. Donated by Institut National de la Recherche Agronomique; Mauguio.
Received April 1985.

495831. Adoc. France. Amsoy/Blackeyebrow. Maturity Group II. Cultivar. Seed.

495831 TO 495832-continued

495832. Fred. France. Hark/Soysota. Maturity Group II. Cultivar. Seed.

495833 TO 495834. Cucurbita maxima Duch. (Cucurbitaceae) Winter squash.

From United States. Donated by Brush, Jennie C.; Johnstown, Pennsylvania.
Received February 1985.

495833. 8. United States. Plants multi-branched vine, yellow hubbard type. Fruits large, yellow. Use all purpose. Breeding Material. Seed.

495834. 19. United States. Plants small, multi-headed bush, yellow hubbard type. Harvestable fruits in 65 to 70 days. Fruits yellow and green, spotted. Use like squash or pumpkin. Breeding Material. Seed.

495835 TO 495836. Cucurbita mixta Pang. (Cucurbitaceae).

From United States. Donated by Brush, Jennie C.; Johnstown, Pennsylvania.
Received February 1985.

495835. 30. United States. Plants single-headed bush type, somewhat variable. Fruits oblong, white, smooth, 8.7cm diameter by 37.5cm long, weight 1.8kg. Use all purpose. Breeding Material. Seed.

495836. 33. United States. Plants vine type. Harvestable fruits in 60 days. Fruits round, dark green and white, smooth with pumpkin lines, 22.5cm diameter by 17.5cm long. Use all purpose. Excellent keeper and quality. Breeding Material. Seed.

495837 TO 495843. Cucurbita moschata (Duch.) Duch. ex Poir. (Cucurbitaceae) Squash.

From United States. Donated by Brush, Jennie C.; Johnstown, Pennsylvania.
Received February 1985.

495837. 10. United States. Plants short vine type. Fruits heavily within 75 days and continues until frost. Fruits somewhat variable, oblong, white turning to yellow brown, slightly bumped. Flesh pumpkin-like, thick, white to light yellow. Use like pumpkin. Breeding Material. Seed.

495838. 15. United States. Plants small vine type about 0.9m

495837 TO 495843-continued

long. Harvestable fruits in 70 days until frost. Fruits oblong, white, smooth, faint lines. Flesh seasons to orange and green. Use like squash. Breeding Material. Seed.

495839. 16. United States. Plants bush type. Harvestable fruits in 60 days until frost. Fruits round, light yellow, smooth, slightly lined, somewhat variable. Use as pumpkin or squash. Breeding Material. Seed.

495840. 17. United States. Plants bush type, very dark green. Harvestable fruits in 60 days. Fruits narrow at both ends and wide in middle, some ribbed, green weave with white base, 17.5cm diameter, 12.5cm long, smooth, keeps well. Flesh 3.7cm thick, white at harvest, seasons to orange. Use like pumpkin. Breeding Material. Seed.

495841. 23. United States. Plants multi-headed bush type. Harvestable fruits in 40-50 days until frost. Fruits oblong, white skin texture slightly irregular but smooth, weight 2.2kg. Use all purpose. Breeding Material. Seed.

495842. 28. United States. Plants multi-headed bush type. Harvestable fruits in 60 days-pick as soon as ripe. Fruits round, yellow, glossy, slightly bumped, pumpkin lined, 22.5cm diam. by 22.5cm long, weight 3.8kg, very attractive. Flesh 3.7cm thick, yellow gold color. Use all purpose. Breeding Material. Seed.

495843. 29. United States. Plants multi-headed bush type. Harvestable fruits in 60 days until frost-pick as ripens. Fruits somewhat variable, round, slightly tapered at stem end, gold, 30cm diam. by 30cm long, weight 5.4kg. Flesh 3.7 to 5cm thick, golden yellow to orange. Use all purpose. Breeding Material. Seed.

495844 TO 495867. Cucurbita pepo L. (Cucurbitaceae).

From United States. Donated by Brush, Jennie C.; Johnstown, Pennsylvania.
Received February 1985.

495844. 1. United States. Plants multi-headed bush type. Leaves large, few. Harvestable fruits in 60 days until frost. Fruit round, 30cm diameter, white, slightly bumped texture, non-cooking, decorative. Referred to as Doeball. Breeding Material. Seed.

495845. 2. United States. Plants medium-length branching vine. Harvestable fruits in 50-55 days until frost. Plants and fruits variable, earlier crossed to bush type. Fruit round to 15cm diameter, slightly peaked at stem end, white seasoning to light beige, smooth, glossy. Flesh white. Used for baking and stuffing. Breeding Material. Seed.

495846. 3. United States. Plants compact bush type, somewhat variable. Harvestable fruits in 60 days. Leaves triangular shaped. Fruits oblong, narrower at stem, straight necked, golden yellow, smooth, good keeping quality, to 30cm long, up to 1.9kg each. Pumpkin cooking quality, fragrant when cut. Breeding Material. Seed.

495847. 4. United States. Plants multi-headed bush or semi-vine type. Harvestable fruits in 60 days or less. Fruits oblong, thinly warted, very hard, golden yellow, 25cm long, to 2.7km each, good keeping quality. Flesh 2.5 to 3.1cm thick, dark gold, fragrant, keeps well. Pumpkin cooking quality. Breeding Material. Seed.

495848. 5. United States. Plants very bushy to 1 m square, dark green. Harvestable fruits in 45 days. Fruits lantern-shaped, green at harvest-gradually turning yellow, smooth, some lengthwise ridging, 10-15cm in diameter and length, weighs 1.4-1.8kg, excellent keeper. Flesh seasons to bright orange, not stringy. Used for pumpkin custard, baking and stuffing. Breeding Material. Seed.

495849. 6. United States. Plants multi-headed bush type with blond stems and leaf stalks, uniform. Harvestable fruits in 60 or more days. Fruits oval, yellow later yellow gold, abundant, smooth, slightly ridged lengthwise, 10cm diameter, 35cm long, weighs 1.8 to 2.7kg, excellent keeper. Referred to as Gold Robin Hood. Breeding Material. Seed.

495850. 7. United States. Plants single and multi-headed bush type. Leaves small with short petioles. Harvestable fruits in 40 to 50 days. Fruits round, white, smooth, to 13.8cm diameter, 17.5cm long, weighs 1.6kg. Flesh white, thick. Use all purpose, fried, baked. Breeding Material. Seed.

495851. 9. United States. Plants productive vine type. Leaves small. Harvestable fruits in 70 days until frost. Fruits oblong, white, smooth but slightly lined, to 8.7cm diameter, 22.5cm long, weighs 0.9kg. Flesh white. Used for frying or baking. Referred to as Cucumber squash. Breeding Material. Seed.

495852. 11. United States. Plants multi-headed bush type, somewhat variable. Leaves small. Harvestable fruits in 70 days until frost. Fruit oblong, white, smooth with faint lines, to 12.5cm diameter, 21.2cm long, weighs 1.3kg. Flesh white. Used for baking. Breeding Material. Seed.

495853. 12. United States. Plants multi-headed bush type, variable. Leaves small and petioles short. Harvestable fruits in 65 days. Fruits oblong, medium to dark green, glossy. Breeding Material. Seed.

495854. 13. United States. Plants single-headed bush or semi-vine, somewhat variable, high density planting. Harvestable fruits in 65 days until frost. Fruits oblong, golden yellow, slightly bumped, ridged, glossy smooth, hard skinned, good keepers. Flesh thick, gold to orange. Used like pumpkin. Breeding Material. Seed.

495855. 14. United States. Plants variable but tending toward multi-heading bush type. Harvestable fruits in 65 days until frost. Fruits oblong, golden yellow, slightly bumped, glossy, 35cm long. Flesh dark yellow. Use all purpose. Breeding Material. Seed.

495856. 18. United States. Plants multi-headed, thick, bush type, variable. Harvestable fruits in 50 days. Fruits abundant, oval, white, variable, smooth with watery cavity. Breeding Material. Seed.

495857. 20. United States. Plants single-headed bush type, but may be variable. Fruits oblong, milk bottle-shaped, yellow, 22.5cm long. Flesh light yellow. Excellent for slicing and frying. Breeding Material. Seed.

495858. 21. United States. Plants inclined to be multi-headed, bush type. Harvestable fruits in 60 days until frost. Fruits small, pear-shaped, 12-15cm long by 12-15cm diameter, eggshell white, glossy, smooth. May be variable in plant type and fruit. Breeding Material. Seed.

495859. 22. United States. Plants multi-headed bush type. Harvestable fruits in 40 to 50 days. Fruits oblong, light yellow and green striped, 8.7cm diameter by 30cm long, zucchini type. Breeding Material. Seed.

495860. 24. United States. Plants single-headed bush type. Harvestable fruits in 40 days until frost. Fruits oblong, white, smooth, slightly ridged, zucchini type, 10cm diameter by 47.5cm long, weight 2.7kg. Use all purpose. Breeding Material. Seed.

495861. 25. United States. Plants multi-headed bush type. Harvestable fruits in 40 to 50 days until frost. Fruits round, approx. 12-15cm diam. by 12-15cm long, white, smooth, slightly lined. Used for baking and stuffing. Breeding Material. Seed.

495862. 26. United States. Plants moss green, multi-headed vine

495844 TO 495867-continued

type, fruits heavily and dies back. Harvestable fruits in 45 days. Fruits attractive, round, orange, small pumpkin type. Use all purpose. Breeding Material. Seed.

495863. 26a. United States. Plants moss green, multi-headed bush type. Fruits round, orange, some glossy, slightly webbed, standard orange pie pumpkin. Use all purpose. Breeding Material. Seed.

495864. 27. United States. Plants multi-headed bush, bush cucumber appearance. Harvestable fruits in 70 days until frost. Fruits oblong, 12.5cm diam. by 21.2cm long, white, smooth. Use all purpose. Breeding Material. Seed.

495865. 31. United States. Plants somewhat variable, multi-headed bush type. Fruits zucchini-type, oblong, 8.7cm diam. by 52.5cm long, white, weighs 4kg. Use all purpose. Breeding Material. Seed.

495866. 32. United States. Plants somewhat variable, multi-headed bush type. Fruits zucchini-type, twin (siamese), oblong, 8.7cm diam. by 30cm long, weighs 3.2kg. Use all purpose. Breeding Material. Seed.

495867. 34. United States. Plants multi-headed bush type. Harvestable fruits in 60 days until frost. Fruits pear-shaped, beige, smooth and ridged, 15cm diam. by 22.5cm long. Flesh light yellow. Breeding Material. Seed.

495868. Avena sativa L. (Poaceae) Common oat.

From Canada. Donated by Kibite, S.; Research Station, Agriculture Canada; Lacombe, Alberta TOC 1S0.
Received December 1985.

Jasper. Canada. Cavell/Gemini. Plants medium tall, with erect juvenile growth. Sprouting tolerance excellent. Straw medium strong. Maturity early. Heads erect, medium long, medium wide. Spikelets drooping. Yield highest in maturity group. Bushel weight high. Resistant to Victoria Blight (Bipolaris victoriae). Susceptible to smut (Ustilago avenae), crown rust (Puccinia coronata f. sp. avenae), oat stem rust (Puccinia graminis f. sp. avenae) and barley yellow dwarf virus. Recommended for central and northern Alberta. Spring Annual. Cultivar. Seed.

495869. X Triticosecale sp. (Poaceae) Triticale.

From United States. Donated by Cholick, F.A.; Department of Plant Science, South Dakota State University; Brookings, South Dakota.

495869-continued

Received December 1985.

SD9009. United States. Goqui/4/Imperial Amber/M2A//Pitic 62/3/Beagle 'S'. Plants tall, awnletted, with white chaff. Maturity medium late. Seed moderately shrivelled. Resistant to leaf rust. Resistant or moderately resistant to the following seedling stem rust races: QSHS, TNMH, TNMK, RHRS, RSHS, RTQQ, RKQS, HJCS, QFBS and HNLQ. Spring Annual. Cultivated. Seed.

495870 TO 495871. Acer glabrum Torr. (Aceraceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

495870. 7A. Collected August 19, 1984. Old Fall River Rd., Rocky Mountain Natl. Park, Larimer Co., Colorado. 2853m. Shrub growing on south facing very rocky slope, deciduous, heavily fruited. Local name Rocky Mountain maple. Perennial Woody. Wild. Seed.

495871. 17A. Collected August 21, 1984. Roadside barrel pit, Silver Plume, Clear Creek Co., Colorado. 2748m. Deciduous shrubs on north slope associated with Shepherdia, Sambucus, and raspberry. Seeds variable in size from four plants. Local name Rocky Mountain maple. Perennial Woody. Wild. Seed.

495872 TO 495875. Alnus tenuifolia Nutt. (Betulaceae) Thinleaf alder.

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

495872. 2A. United States. Collected August 19, 1984. Aspen Glen area, Fall River entrance, Rocky Mountain Natl. Park, Colorado. 2553m. Tree small, growing in wet meadow. Seeds not fully mature. Wild. Seed.

495873. 6A. United States. Collected August 19, 1984. Chasm Falls Picnic area, Fall River Rd. cut-off, Rocky Mt. Natl. Park, CO. 2703m. Tree deciduous, along stream bed with engelmann spruce and redberried elder. Seed from one plant. Wild. Seed.

495874. 9A. United States. Collected August 19, 1984. Near

495872 TO 495875-continued

Timber Creek campground, W gate of Rocky Mt. Natl. Park, Grand Co, CO. 2613m. Single small deciduous tree in drainage area along road. Foliage dark green with no leaf miners. Wild. Seed.

495875. 14A. United States. Collected August 19, 1984. Along stream bed on way to city reservoir, W end of Kremmling, Colorado. 2211m. Single small heavily fruited deciduous tree. Some leaf miner present. Wild. Seed.

495876. Amelanchier alnifolia (Nutt.) Nutt. (Rosaceae) Saskatoon serviceberry.

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

15A. United States. Collected August 19, 1984. Hwy 40 near eagles nest on Hwy 9, to Dillon, Arapahoe Natl. Forest, CO. 2342m. Plant medium-sized shrub growing in association with Mohonia, sage, rabbitbrush, and snowberry. Local name Serviceberry. Perennial Woody. Wild. Seed.

495877. Atriplex canescens (Pursh) Nutt. (Chenopodiaceae) Fourwing saltbush.

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

7B. United States. Collected September 14, 1984. Rabbit Valley, W of Mack and E of Utah state line, Colorado. 1650-1800m. Plants semi-deciduous. Seed from two plants. Perennial Woody. Wild. Seed.

495878 TO 495879. Atriplex confertifolia (Torr. & Frem.) S. Wats. (Chenopodiaceae) Shadscale.

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

495878. 3B. United States. Collected September 14, 1984. Salty

495878 TO 495879-continued

area, NW of Mack, 8.7km on Road 5 and 4.5km on Road 8, Mesa Co., CO. 1502m. Plant evergreen, growing with gardner saltbush. Fruit turning red. Salt tolerant. Local name Spiny saltbush. Perennial Woody. Wild. Seed.

495879. 10B. United States. Collected September 15, 1984. Rocky cliff along Hwy 50, 3.2km S of Hwy 141, Mesa Co., Colorado. 1598m. Plants spiny evergreen, prostrate, associated with juniper, four-winged saltbush, and desert four o'clock. Local name Spiny saltbush. Perennial Woody. Wild. Seed.

495880. Atriplex nuttallii S. Wats. (Chenopodiaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

2B. United States. Collected September 14, 1984. NW of Mack, 8.7km on Road 5 and 4.5km on Road 8, Mesa Co., Colorado. 1665m. Plants evergreen, mounded shapes 0.3m tall. Growing in desolate salty area in association with fourwing saltbush and spiny saltbush. Fruit ripe, begining to fall. Local name Gardner saltbush. Perennial Woody. Wild. Seed.

495881. Betula glandulosa Michx. (Betulaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

16A. United States. Collected August 19, 1984. Front yard, A.W. Bezzic, 618 Chestnut St., Leadville, Lake Co., Colorado. 3063m. Plant low to medium sized, deciduous, some dieback probably from inadequate winter moisture. Fruiting excellent. Local name Bog birch. Tree. Cultivated. Seed.

495882. Betula occidentalis Hook. (Betulaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

495882-continued

21A. United States. Collected August 21, 1984. Along Clear Creek Off I-70 bet. Georgetown & Idaho Sp., Clear Creek Co., CO. 2402m. Plant small, deciduous, with multiple stems, 4.5 to 6.0m. Associated with engelmann spruce, aspen, Ribes, blue spruce, and narrowleaf cottonwood. Spindle gall on leaves. Local name Water birch. Tree. Wild. Seed.

495883. Ceanothus fendleri A. Gray (Rhamnaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

28A. United States. Collected August 21, 1984. North edge of Nederland city limit along Rt 72, Boulder Co., Colorado. 2522m. Plant small, 15 to 20cm tall, bushy, deciduous. Most fruit immature. Local name Fendler ceanothus. Perennial Woody. Wild. Seed.

495884. Cercocarpus ledifolius Nutt. ex Torr. & Gray (Rosaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

11B. United States. Collected September 15, 1984. Cliff area along Hwy 141, 11.6km S of pass, N side of stream, Mesa Co., CO. 1952m. Plants large, evergreen, old with trucks to 25.4cm in diameter. Area ungrazed. Seed collected from ground. Local name Mountain mahogany. Perennial Woody. Wild. Seed.

495885 TO 495886. Cercocarpus montanus Raf. (Rosaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

495885. 1A. United States. Collected August 19, 1984. SE rocky slope 0.4km W of dam, Hwy 34, Loveland, Larimer Co., Colorado. 1802m. Plant deciduous, associated with chokecherry and Purshia tridentata. Local name True

495885 TO 495886-continued

mountain mahogany. Perennial Woody. Wild. Seed.

495886. 22A. United States. Collected August 21, 1984. Rocky soil on Rt 19 between I-70 and Central City, 3.2km from I-70, CO. 2462m. Plant deciduous, grazed by deer, associated with Ribes, Rhus trilobata, and Juniperus scopulorum. Local name True mountain mahogany. Perennial Woody. Wild. Seed.

495887. Cornus sericea L. (Cornaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

17B. United States. Collected September 16, 1984. Rocky SE facing slope along Hwy 145, Rico Quad., Dolores Co., Colorado. 2643m. Plant fairly dwarf, deciduous, 60 to 90cm tall. Fruits few. Associated with Paxistima. Local name Red-osier dogwood. Perennial Woody. Wild. Seed.

495888. Fendlera rupicola Gray (Saxifragaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

15B. United States. Collected September 15, 1984. Near Dolores River along Hwy 141 just before Slick Rock, Colorado. 1742m. Plant growing out of rock, deciduous. Unopened capsules from a single plant. Local name Cliff fendlerbush. Perennial Woody. Wild. Seed.

495889. Forestiera neomexicana A. Gray (Oleaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

14B. United States. Collected September 15, 1984. E side of Hwy 141 near Uravan, 5.6km from pass, Montrose Co., Colorado. Plants deciduous, 3 to 4.5m wide. Female plants with heavy fruit set. Male plants more upright in habit than females. Local name Desert olive. Perennial Woody.

495889-continued
Wild. Seed.

495890. Fraxinus anomala Torr. ex S. Wats. (Oleaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

9B. United States. Collected September 14, 1984. Rocky canyon along Rt 138 about 48.3km N of Moab, Grand Co., Utah. 1351m. Plants small, deciduous growing with Philadelphus and Tamarix. Seed mostly dropped. Local name Single-leaf ash. Perennial Woody. Wild. Seed.

495891 TO 495893. Holodiscus dumosus (Nutt.) A.A. Heller (Rosaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

495891. 12A. United States. Collected August 19, 1984. Gilbert Campground in Byers Canyon, Hwy 40 W of Hot Sulfur Springs, CO. 2302m. Plant deciduous growing in a swale on east-facing slope of a dry rock canyon in association with limber pine, juniper, and Ribes. Dried fruit quality good. Local name Bush rockspiraea. Perennial Woody. Wild. Seed.

495892. 18A. United States. Collected August 21, 1984. Road from Silver Plume, Clear Creek Co., Georgetown Quad., Colorado. 2748m. Plant deciduous, dense, compact, growing in rocky, south-facing slope with Ribes, Rocky Mountain maple, and bristlecone pine. Fruit abundant, from single plant . Local name Bush rockspiraea. Perennial Woody. Wild. Seed.

495893. 19B. United States. Collected September 16, 1984. Rocky cliff area along Hwy 62 near Ridgway, Ouray Co., Colorado. Plant deciduous, fairly heavily fruited. Local name Bush rockspiraea. Perennial Woody. Wild. Seed.

495894. Iris missouriensis Nutt. (Iridaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA.

495894-continued
Received December 1984.

3A. United States. Collected August 19, 1984. Aspen Glen area, Fall River entrance to Rocky Mountain Natl. Park, Colorado. 2553m. Plants to 0.6m tall, growing in wet meadow with Alnus tenuifolia. Local name Missouri iris. Perennial Herb. Wild. Seed.

495895 TO 495896. Jamesia americana Torr. & A. Gray (Fabaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

495895. 8A. United States. Collected August 19, 1984. Old Fall R. Trail Rd., Chasm Falls Picnic area, Rocky Mt. Natl. Park, CO. 2853m. Plant deciduous, growing on south-facing very rocky slope with Acer glabrum. Foliage excellent. Seed from single plant. Local name Cliff Jamesia. Perennial Woody. Wild. Seed.

495896. 25A. United States. Collected August 21, 1984. Rt 119, 4.0km S of Arapahoe Natl. Forest ent. between Blackhawk and Ward,CO. 2252m. Plant deciduous, 0.9-1.8m tall, fairly heavily fruited, growing in rocky ridges with ponderosa pine and Ribes. Local name Cliffbrush. Perennial Woody. Wild. Seed.

495897. Juniperus osteosperma (Torr.) Little (Cupressaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

5B. United States. Collected September 14, 1984. Rocky soil, Rabbit Valley, W of Mack, Mesa Co., Colorado. 1502m. Plant bushy, evergreen, very round and dense, 3.6m tall and 3.6-4.5m wide. Local name Little juniper. Received as Juniperus utahensis. Tree. Wild. Seed.

495898. Lonicera involucrata (Richardson) Banks (Caprifoliaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA.

495898-continued
Received December 1984.

11A. United States. Collected August 19, 1984. Roadside Hwy 34, between Lake Granby and Granby, Grand Co., Colorado. 2402m. Plant deciduous about 0.9m tall, growing near streambed under lodgepole pine and willow. Leaf color good. Fruit very ripe, many fallen. Local name Bearberry honeysuckle. Perennial Woody. Wild. Seed.

495899. Mahonia fremontii (Torr.) Fedde (Berberidaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

8B. Collected September 14, 1984. Rabbit Valley, W of Mack towards I-70, Mesa County, Colorado. 1652-1802m. Plant evergreen growing in rock outcrop. Fruit set very heavy but many had fallen. Seed quality poor. Local name Oregon grape. Perennial Woody. Wild. Seed.

495900. Paxistima myrsinites (Pursh) Raf. (Celastraceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

18B. United States. Collected September 16, 1984. Southeast slope, Hwy 145, Rico Quad., Dolores Co., Colorado. 2643m. Plants low, evergreen, growing in rock crevices. Local name Myrtle pachistima. Perennial Woody. Wild. Plants.

495901. Physocarpus monogynus (Torr.) J. Coulter (Rosaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

20A. United States. Collected August 21, 1984. North-facing slope in Georgetown, Clear Creek County, Colorado. 2553m. Plant deciduous, to 1 m tall, associated with rock spiraea, currant, Jamesia, and Rocky Mountain maple. Local name Ninebark. Perennial Woody. Wild. Seed.

495902 TO 495903. Populus balsamifera L. (Salicaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

495902. 13A. United States. Collected August 19, 1984. In Kremmling on Hwy 34 by Senior Creek Center, Grand County, Colorado. 2211m. Plant deciduous, erect, branching very horizontal. Leaves appear late in spring but colors early. Some dieback observed. No seeds. Local name Balm of Gilead. Received as Populus candicans. Tree. Wild. Cuttings.

495903. 19A. United States. Collected August 21, 1984. Silver Plume, along access road next to Clear Creek, Colorado. 2748m. Plant deciduous, erect, 6 to 7.5m tall, growing in rocky soil. Local name Balsam poplar. Tree. Wild. Cuttings.

495904. Purshia tridentata (Pursh) DC. (Rosaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

27A. United States. Collected August 21, 1984. N edge of Nederland along Rt 72 between Nederland and Ward, Colorado. 2523m. Plants low to medium-sized, to 0.75m tall, deciduous to semi-evergreen, growing under lodgepole pine with Ceanothus and kinnickinnick. Leaves dark green. Loca l name Antelope bitterbrush. Perennial Woody. Wild. Seed.

495905. Quercus gambelii Nutt. (Fagaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

13B. United States. Collected September 15, 1984. Roadside, Hwy 141 in a barrel pit, 14.5km S of pass, Mesa Co., Colorado. 1862m. Plants deciduous shrub to small tree. Acorns collected from one large plant, heavily infested with larvae, and weevils. Ants and aphids observed on plant. Local name Gambell oak. Perennial

495905-continued
Woody. Wild. Seed.

495906 TO 495907. Ribes cereum Dougl. (Grossulariaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

495906. 24A. United States. Collected August 21, 1984. Along Rt 19 between I-70 and Central City, about 3.2km from I-70, Colorado. 2463m. Plant deciduous, growing on west-facing slope. Fruit mostly dropped. Local name Wax currant. Perennial Woody. Wild. Seed.

495907. 26A. United States. Collected August 21, 1984. Rt 119, Blackhawk and Ward, 4km S of Arapahoe Natl. Forest ent., Colorado. 2252m. Plant deciduous, growing on rocky hillside with ponderosa pine. Fruit very abundant. Local name Wax currant. Perennial Woody. Wild. Seed.

495908. Rhus trilobata Nutt. (Anacardiaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

23A. United States. Collected August 21, 1984. Along Rt 19 between I-70 and Central City, about 3.2km from I-70, Colorado. 2462m. Plant spreading, low-growing, deciduous, fairly heavily fruited. Local name Skunkbush sumac. Perennial Woody. Wild. Seed.

495909. Rosa woodsii Lindl. (Rosaceae) Woods rose.

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

16B. United States. Collected September 16, 1984. Along Dolores River, 12.9km NE of Dolores, Montezuma Co., Colorado. Plants deciduous, spreading by root suckers, 0.9-1.2m tall, heavily fruited. Leaves with good purple-red fall color. Local name Wild rose. Perennial Woody. Wild. Seed.

495910 TO 495911. Sambucus pubens Michx. (Caprifoliaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

495910. 4A. United States. Collected August 19, 1984. Chasm Falls Picnic area, Fall R. Rd. cut-off, Rocky Mt. Natl. Park, CO. 2703m. Plants deciduous, along stream bed in association with engelmann spruce and alder. Foliage of good quality. Fruits red, typical. Local name Red-berried elder. Perennial Woody. Wild. Seed.

495911. 5A. United States. Collected August 19, 1984. Chasm Falls Picnic area, Fall R. Rd. cut-off, Rocky Mt. Natl. Park, CO. 2703m. Plants deciduous, along stream bed in association with engelmann spruce, alder, and red-berried elder. Fruit mature, falling, from single plant. Local name Yellow-berried elder. Received as Sambucus pubens f. xanthocarpa. Perennial Woody. Wild. Seed.

495912. Sarcobatus vermiculatus (Hook.) Torr. (Chenopodiaceae) Greasewood.

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

1B. United States. Collected September 14, 1984. NW of Mack on Road 5, Mesa County, Colorado. 1502m. Plants deciduous, some with fruits, some grazed, growing on gravel road in hot desolate area, predominant shrub. Local name Greasewood. Perennial Woody. Wild. Seed.

495913. Shepherdia canadensis (L.) Nutt. (Elaeagnaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

10A. United States. Collected August 19, 1984. Trail Ridge Rd., near W gate of Rocky, Mt. Natl Park, Colorado. 2613m. Plants deciduous, medium-sized, to 0.9m tall, females more open in growth habit, growing in west-facing slope in meadow near lodgepole pine and aspen. Foliage color excellent. Fruit fairly sparse, some falling. Local

495913-continued

name Russet buffaloberry. Perennial Woody. Wild. Seed.

495914. Tamarix parviflora DC. (Tamaricaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

4B. United States. Collected September 14, 1984. Along I-70, W entrance from Mack, Mesa County, Colorado. 1502m. Plant erect, deciduous, growing in low area near highway interchange. Fruit very abundant, variable in maturity. Local name Tamarisk. Perennial Woody. Wild. Seed.

495915. Yucca harrimaniae Trel. (Agavaceae).

From United States. Collected by Klett, J.E. and Feucht, J.R.; Department of Horticulture, Colorado State University; Ft. Collins, Colorado. Received through M.P. Widrlechner, North Central Regional Plant Introduction Sta., Ames, IA. Received December 1984.

12B. United States. Collected September 15, 1984. Cliff area along Hwy 141, 11.6km S of pass, Mesa Co., Colorado. 1952m. Plants stemless evergreen. Leaves stiff, sword-shaped. Seeds still in pods, collected from two plants with many seeds. Local name Harriman yucca. Perennial Herb. Wild. Seed.

495916. Triticum aestivum L. (Poaceae) Common wheat.

From United States. Donated by Konzak, C.F.; Department of Agronomy and Soils, Washington State University; Pullman, Washington.
Received May 1985.

WA 6920. Penawawa. United States. Potam 70/Fielder. Soft white type. Plants semi-dwarf with stiff straw and lodging resistance. Maturity midseason. Spikes erect, semilax, with white chaff and awns. Seeds white, midlong. Yield higher than Edwall, Waverly and Dirkin. Seedlings susceptible to Fielder race, resistant to other races of stripe rust. Adults resistant to all local races of stripe rust. Moderately susceptible to mildew. Susceptible to common bunt, and Hessian fly. Milling and pastry qualities satisfactory. Spring Annual. Cultivar. Seed.

495917 TO 496250. Sorghum bicolor (L.) Moench (Poaceae) Sorghum.

From Yemen Arab Republic. Donated by Voigt, R.L.; and El Lakany, M.A.; Univ. of Arizona; USAID Sorghum/Millet Program & Field Crop Div., UN Development Program, FAO; Tucson, Arizona; and Taiz.
Received April 1985.

495917. 384. Yemen Arab Republic. Nashama. 1200m. Race caudatum kafir. Seeds light orange. Cultivated. Seed.

495918. 566. Yemen Arab Republic. Kushar Ashabe. 1900m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds light tan. Cultivated. Seed.

495919. 567. Yemen Arab Republic. Kushar Ashabe. 1900m. Race durra. Head type 6 - semi-compact, elliptical. Seeds yellow. Cultivated. Seed.

495920. 727. Yemen Arab Republic. Shaelat Al Sayani. 2000m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow and orange. Cultivated. Seed.

495921. 818. Yemen Arab Republic. Wadi Al Sharaf. 1900m. Race durra. Head type 7 - very compact, ovate, flattened base with usually a recurved peduncle. Seeds yellow. Cultivated. Seed.

495922. 936. Yemen Arab Republic. Dar Ahreb. 2600m. Race durra caudatum. Head type 7 - very compact, ovate, flattened base with usually a recurved peduncle. Seeds yellow. Cultivated. Seed.

495923. 1039. Yemen Arab Republic. Maber. 2400m. Race durra. Head type 7 - very compact, ovate, flattened base with usually a recurved peduncle. Seeds white. Cultivated. Seed.

495924. 1120. Yemen Arab Republic. Dalil Eriyan. 1600m. Race kafir durra. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.

495925. 1143. Yemen Arab Republic. Eriyan. 2800m. Race durra caudatum. Head type 5 - semi-compact, ovate. Seeds yellow. Cultivated. Seed.

495926. 1309. Yemen Arab Republic. Mouza. 250m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

495927. 1321. Yemen Arab Republic. Mouza. 250m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange and white. Cultivated. Seed.

495928. 1354. Yemen Arab Republic. Yarim. 2600m. Race durra caudatum. Head type 5 - semi-compact, ovate. Seeds brown and white. Cultivated. Seed.

495929. 1469. Yemen Arab Republic. Al Shahul. 1500m. Race kafir bicolor. Head type 3 - open, elongated, elliptical. Seeds light yellow. Cultivated. Seed.

495930. 1547. Yemen Arab Republic. Turba. 2000m. Race durra bicolor. Head type 3 - open, elongated, elliptical. Seeds brown. Cultivated. Seed.

495931. 1563. Yemen Arab Republic. Turba. 2000m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds brown. Cultivated. Seed.

495932. 1586. Yemen Arab Republic. Turba. 2000m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.

495933. 1612. Yemen Arab Republic. Bagel. 190m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495934. 1614. Yemen Arab Republic. Bagel. 190m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495935. 1672. Yemen Arab Republic. Bab Dohana. 175m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495936. 1680. Yemen Arab Republic. Elam Abil. 200m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

495937. 1689. Yemen Arab Republic. Alaben. 175m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495938. 1693. Yemen Arab Republic. Alhode. 200m. Race kafir caudatum. Head type 5 - semi-compact, ovate. Seeds brown. Cultivated. Seed.

495939. 1694. Yemen Arab Republic. Alhode. 200m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495940. 1706. Yemen Arab Republic. Al Assaraf. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.

495941. 1734. Yemen Arab Republic. Al Garaba. 215m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495942. 1805. Yemen Arab Republic. Surdut. 210m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495943. 1808. Yemen Arab Republic. Surdut. 210m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495944. 1820. Yemen Arab Republic. Heijal Al Garabah. 215m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495945. 1821. Yemen Arab Republic. Heijal Al Garabah. 215m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light brown. Cultivated. Seed.

495946. 1828. Yemen Arab Republic. Addawahi. 210m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds brown. Cultivated. Seed.

495947. 1829. Yemen Arab Republic. Addawahi. 210m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.

495948. 1830. Yemen Arab Republic. Addawahi. 210m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495949. 1932. Yemen Arab Republic. Bani Burra. 200m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495950. 1934. Yemen Arab Republic. Al Magalaf. 200m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light orange and white. Cultivated. Seed.

495951. 1945. Yemen Arab Republic. Al Jabal. 200m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495952. 1948. Yemen Arab Republic. Bani Burra. 200m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495953. 1966. Yemen Arab Republic. Al Magalaf. 190m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.

495954. 1995. Yemen Arab Republic. Al Calah. 210m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds tan and orange. Cultivated. Seed.

495955. 1998. Yemen Arab Republic. Al Galah. 210m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange and white. Cultivated. Seed.

495956. 2000. Yemen Arab Republic. Al Galah. 210m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and tan. Cultivated. Seed.

495957. 2029. Yemen Arab Republic. Beni Mohmed. 175m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495958. 2031. Yemen Arab Republic. Beni Mohmed. 210m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495959. 2032. Yemen Arab Republic. Beni Mohmed. 210m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495960. 2035. Yemen Arab Republic. Beni Mohmed. 210m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds brown. Cultivated. Seed.

495961. 2036. Yemen Arab Republic. Beni Mohmed. 175m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

495962. 2041. Yemen Arab Republic. Beni Mohmed. 175m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495963. 2042. Yemen Arab Republic. Beni Mohmed. 175m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

495964. 2050. Yemen Arab Republic. Banilah. 175m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

495965. 2054. Yemen Arab Republic. Banilah. 175m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

495966. 2055. Yemen Arab Republic. Banilah. 175m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495967. 2056. Yemen Arab Republic. Banilah. 175m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495968. 2057. Yemen Arab Republic. Beni Mohmed. 175m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

495969. 2058. Yemen Arab Republic. Beni Mohmed. 175m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.

495970. 2064. Yemen Arab Republic. Beni Mohmed. 175m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.

495971. 2082. Yemen Arab Republic. Al Kadan. 220m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds white and light brown. Cultivated. Seed.

495972. 2098. Yemen Arab Republic. Al Kadan. 220m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495973. 2107. Yemen Arab Republic. Al Kadan. 220m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

495974. 2111. Yemen Arab Republic. Al Kadan. 220m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white and light brown. Cultivated. Seed.

495975. 2135. Yemen Arab Republic. Al Sarrah. 220m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

495976. 2149. Yemen Arab Republic. Al Sarrah. 200m. Race kafir durra. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.

495977. 2151. Yemen Arab Republic. Al Sarrah. 200m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495978. 2171. Yemen Arab Republic. Al Sarrah. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495979. 2172. Yemen Arab Republic. Al Sarrah. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.

495980. 2173. Yemen Arab Republic. Al Sarrah. 200m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495981. 2174. Yemen Arab Republic. Al Sarrah. 200m. Race kafir durra. Head type 3 - open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495982. 2175. Yemen Arab Republic. Al Sarrah. 200m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and light orange. Cultivated. Seed.

495983. 2176. Yemen Arab Republic. Gehat Al Sarrah. 185m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

495984. 2181. Yemen Arab Republic. Al Sarrah. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.

495985. 2185. Yemen Arab Republic. Al Sarrah. 185m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

495986. 2200. Yemen Arab Republic. Al Sarrah. 185m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

495987. 2212. Yemen Arab Republic. Al Sarrah. 185m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495988. 2215. Yemen Arab Republic. Al Sarrah. 185m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange and white. Cultivated. Seed.

495989. 2216. Yemen Arab Republic. Al Sarrah. 185m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

495990. 2218. Yemen Arab Republic. Al Sarrah. 185m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495991. 2219. Yemen Arab Republic. Al Sarrah. 185m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light tan. Cultivated. Seed.

495992. 2220. Yemen Arab Republic. Al Sarrah. 185m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495993. 2221. Yemen Arab Republic. Al Sarrah. 185m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and tan. Cultivated. Seed.

495994. 2222. Yemen Arab Republic. Al Sarrah. 185m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.

495995. 2228. Yemen Arab Republic. Al Sarrah. 185m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.

495996. 2229. Yemen Arab Republic. Al Sarrah. 185m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495997. 2231. Yemen Arab Republic. Al Sarrah. 170m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.

495998. 2234. Yemen Arab Republic. Al Sarrah. 170m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

495999. 2235. Yemen Arab Republic. Al Sarrah. 170m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496000. 2249. Yemen Arab Republic. Al Sarrah. 170m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds tan and orange. Cultivated. Seed.

496001. 2255. Yemen Arab Republic. Al Sarrah. 170m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.

496002. 2256. Yemen Arab Republic. Al Sarrah. 170m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496003. 2259. Yemen Arab Republic. Al Sarrah. 170m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and tan. Cultivated. Seed.

496004. 2260. Yemen Arab Republic. Al Sarrah. 170m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496005. 2265. Yemen Arab Republic. Al Sarrah. 170m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.

496006. 2268. Yemen Arab Republic. Al Sarrah. 170m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496007. 2270. Yemen Arab Republic. Al Sarrah. 170m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496008. 2278. Yemen Arab Republic. Al Sarrah. 170m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496009. 2281. Yemen Arab Republic. Al Sarrah. 170m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496010. 2282. Yemen Arab Republic. Al Sarrah. 170m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange and white. Cultivated. Seed.

496011. 2283. Yemen Arab Republic. Mahal Al Dabek. 170m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.

496012. 2284. Yemen Arab Republic. Kahre. 170m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.

496013. 2301. Yemen Arab Republic. Mahal Al Dabek. 170m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496014. 2306. Yemen Arab Republic. Mahal Al Dabek. 170m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496015. 2323. Yemen Arab Republic. Kahre. 180m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.

496016. 2326. Yemen Arab Republic. Kahre. 200m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds tan and orange. Cultivated. Seed.

496017. 2332. Yemen Arab Republic. Kahre. 200m. Race kafir caudatum. Head type 3 - open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496018. 2333. Yemen Arab Republic. Kahre. 200m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.

496019. 2336. Yemen Arab Republic. Al Taher. 200m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496020. 2339. Yemen Arab Republic. Al Taher. 200m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496021. 2344. Yemen Arab Republic. Kwober. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496022. 2351. Yemen Arab Republic. Kwober. 220m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496023. 2352. Yemen Arab Republic. Kwober. 220m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496024. 2366. Yemen Arab Republic. Al Kwirh. 220m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496025. 2368. Yemen Arab Republic. Kwober. 220m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496026. 2370. Yemen Arab Republic. Kwober. 220m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496027. 2373. Yemen Arab Republic. Kire. 220m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light brown. Cultivated. Seed.

496028. 2374. Yemen Arab Republic. Kwober. 220m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496029. 2378. Yemen Arab Republic. Al Kwober. 220m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496030. 2381. Yemen Arab Republic. Kwober. 220m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496031. 2382. Yemen Arab Republic. Kwober. 220m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496032. 2383. Yemen Arab Republic. Kwober. 220m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496033. 2387. Yemen Arab Republic. Kwober. 220m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light orange and tan. Cultivated. Seed.

496034. 2389. Yemen Arab Republic. Kwober. 220m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light brown. Cultivated. Seed.

496035. 2390. Yemen Arab Republic. Kwober. 220m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496036. 2392. Yemen Arab Republic. Kwober. 220m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496037. 2395. Yemen Arab Republic. Sordud. 235m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496038. 2410. Yemen Arab Republic. Al Kwirh. 220m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.

496039. 2427. Yemen Arab Republic. Al Kohre. 180m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.

496040. 2428. Yemen Arab Republic. Al Kohre. 180m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496041. 2434. Yemen Arab Republic. Al Kohre. 180m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496042. 2436. Yemen Arab Republic. Al Kohre. 180m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496043. 2439. Yemen Arab Republic. Al Kohre. 180m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496044. 2445. Yemen Arab Republic. Al Kohre. 180m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.

496045. 2446. Yemen Arab Republic. Kohre. 180m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.

496046. 2450. Yemen Arab Republic. Kohre. 190m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.

496047. 2459. Yemen Arab Republic. Kohre. 190m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496048. 2460. Yemen Arab Republic. Kohre. 190m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496049. 2465. Yemen Arab Republic. Kohre. 200m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496050. 2466. Yemen Arab Republic. Kohre. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496051. 2467. Yemen Arab Republic. Kohre. 200m. Race kafir caudatum. Head type 3 - open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496052. 2468. Yemen Arab Republic. Kohre. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496053. 2469. Yemen Arab Republic. Kohre. 200m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.

496054. 2470. Yemen Arab Republic. Kohre. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.

496055. 2471. Yemen Arab Republic. Kohre. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496056. 2479. Yemen Arab Republic. Kohre. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496057. 2480. Yemen Arab Republic. Kohre. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and red. Cultivated. Seed.

496058. 2481. Yemen Arab Republic. Kohre. 200m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.

496059. 2484. Yemen Arab Republic. Kohre. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496060. 2488. Yemen Arab Republic. Kohre. 200m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496061. 2491. Yemen Arab Republic. Kohre. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and light orange. Cultivated. Seed.

496062. 2493. Yemen Arab Republic. Mohmad Esmael. 190m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496063. 2497. Yemen Arab Republic. Kohre. 180m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.

496064. 2499. Yemen Arab Republic. Mohmad Esmael. 190m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496065. 2500. Yemen Arab Republic. Mohmad Esmael. 190m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496066. 2501. Yemen Arab Republic. Mohmad Esmael. 190m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds light red. Cultivated. Seed.

496067. 2504. Yemen Arab Republic. Kohre. 180m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496068. 2505. Yemen Arab Republic. Kohre. 190m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496069. 2508. Yemen Arab Republic. Kohre. 190m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496070. 2511. Yemen Arab Republic. Kohre. 190m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and light orange. Cultivated. Seed.

496071. 2512. Yemen Arab Republic. Mahal Al Dabah. 170m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496072. 2513. Yemen Arab Republic. Kohre. 190m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496073. 2514. Yemen Arab Republic. Kohre. 190m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496074. 2515. Yemen Arab Republic. Kohre. 190m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496075. 2522. Yemen Arab Republic. Kohre. 190m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds tan and orange. Cultivated. Seed.

496076. 2523. Yemen Arab Republic. Kohre. 190m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496077. 2527. Yemen Arab Republic. Kohre. 200m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496078. 2546. Yemen Arab Republic. Al Himeh. 1620m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496079. 2570. Yemen Arab Republic. Bene Manssor. 1520m. Race caudatum. Head type 3 - open, elongated, elliptical. Seeds white. Cultivated. Seed.

496080. 2623. Yemen Arab Republic. Karit Masar. 1170m. Race durra kafir. Head type 5 - semi-compact, ovate. Seeds white. Cultivated. Seed.

496081. 2625. Yemen Arab Republic. Karit Masar. 1170m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and light orange. Cultivated. Seed.

496082. 2626. Yemen Arab Republic. Masar. 1170m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496083. 2630. Yemen Arab Republic. Bakal. 1140m. Race kafir durra. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.

496084. 2636. Yemen Arab Republic. Bab Shanatef. 570m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.

496085. 2641. Yemen Arab Republic. Bab Shanatef. 570m. Race kafir bicolor. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496086. 2655. Yemen Arab Republic. Mahal Alotome. 580m. Race durra bicolor. Head type 5 - semi-compact, ovate. Seeds light brown. Cultivated. Seed.

496087. 2659. Yemen Arab Republic. Mahal Alotome. 580m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white and brown. Cultivated. Seed.

496088. 2661. Yemen Arab Republic. Mahal Alotome. 580m. Race durra bicolor. Head type 3 - open, elongated, elliptical and head type 7 - very compact, ovate, flattened base with usually a recurved peduncle. Seeds brown. Cultivated. Seed.

496089. 2669. Yemen Arab Republic. Almalleh. 630m. Race durra bicolor. Head type 6 - semi-compact, elliptical. Seeds brown. Cultivated. Seed.

496090. 2673. Yemen Arab Republic. Bait Alhijah. 590m. Race kafir durra. Head type 5 - semi-compact, ovate. Seeds orange and brown. Cultivated. Seed.

496091. 2682. Yemen Arab Republic. Al Mahteh. 630m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.

496092. 2698. Yemen Arab Republic. Al Mahwit. 650m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds brown. Cultivated. Seed.

496093. 2714. Yemen Arab Republic. Al Nagda. 780m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds yellow and brown. Cultivated. Seed.

496094. 2718. Yemen Arab Republic. Bait Al Nahme. 780m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496095. 2728. Yemen Arab Republic. Al Nagda. 780m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and tan. Cultivated. Seed.

496096. 2730. Yemen Arab Republic. Al Nahme. 780m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical.

Seeds light orange. Cultivated. Seed.

496097. 2736. Yemen Arab Republic. Bait Al Nahme. 780m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496098. 2737. Yemen Arab Republic. Bait Al Nahme. 780m. Race kafir durra. Head type 7 - very compact, ovate, flattened base with usually a recurved peduncle. Seeds orange and tan. Cultivated. Seed.

496099. 2738. Yemen Arab Republic. Almahwit Bait Alnahme. 780m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.

496100. 2742. Yemen Arab Republic. Almahwit Bait Alnahme. 780m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.

496101. 2743. Yemen Arab Republic. Almahwit Almaharkah. 840m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.

496102. 2744. Yemen Arab Republic. Almahwit Bait Alnahme. 780m. Race durra caudatum. Head type 4 - semi-open, elongated, ellitpical. Seeds tan. Cultivated. Seed.

496103. 2750. Yemen Arab Republic. Almahwit Bait Alnahme. 780m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496104. 2760. Yemen Arab Republic. Almahwit Al Wostah. 800m. Race durra. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.

496105. 2771. Yemen Arab Republic. Almahwit Bakral Gumah. 820m. Race bicolor durra. Head type 7 - very compact, ovate, flattened base with usually a recurved peduncle. Seeds red and orange. Cultivated. Seed.

496106. 2773. Yemen Arab Republic. Almahwit Al Mahaiekah. 840m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light brown and white. Cultivated. Seed.

496107. 2775. Yemen Arab Republic. Almahwit Al Mahaiekah. 840m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and tan. Cultivated. Seed.

496108. 2777. Yemen Arab Republic. Almahwit Al Mahaiekah. 840m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496109. 2779. Yemen Arab Republic. Almahwit Al Mahaiekah. 840m.

Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange and light brown. Cultivated. Seed.

496110. 2788. Yemen Arab Republic. Almahwit Al Mahaiekah. 840m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496111. 2802. Yemen Arab Republic. Almahwit Al Mahaiekah. 865m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds brown. Cultivated. Seed.

496112. 2806. Yemen Arab Republic. Almahwit Al Mahaiekah. 860m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496113. 2807. Yemen Arab Republic. Almahwit Al Mahaiekah. 860m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496114. 2809. Yemen Arab Republic. Almahwit Al Mahaiekah. 860m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496115. 2812. Yemen Arab Republic. Almahwit Sirah. 1010m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496116. 2814. Yemen Arab Republic. Almahwit Sirah. 1010m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496117. 2816. Yemen Arab Republic. Almahwit Sirah. 1010m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496118. 2817. Yemen Arab Republic. Almahwit Sirah. 1010m. Race kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496119. 2818. Yemen Arab Republic. Almahwit Sirah. 1010m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white and tan. Cultivated. Seed.

496120. 2819. Yemen Arab Republic. Almahwit Sirah. 1010m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.

496121. 2820. Yemen Arab Republic. Almahwit Sirah. 1010m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and tan. Cultivated. Seed.

496122. 2821. Yemen Arab Republic. Almahwit Sirah. 1010m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.

496123. 2823. Yemen Arab Republic. Almahwit Sirah. 1010m. Race caudatum durra. Head type 3 - open, elongated, elliptical. Seeds white and light orange. Cultivated. Seed.

496124. 2828. Yemen Arab Republic. Almahwit Sirah. 1010m. Race durra kafir. Head type 5 - semi-compact, ovate. Seeds white. Cultivated. Seed.

496125. 2831. Yemen Arab Republic. Almahwit Sirah. 1010m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.

496126. 2833. Yemen Arab Republic. Almahwit Sirah. 1010m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds white and tan. Cultivated. Seed.

496127. 2845. Yemen Arab Republic. Almahwit Sirah. 1045m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds red. Cultivated. Seed.

496128. 2847. Yemen Arab Republic. Almahwit Sirah. 1040m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds white and light orange. Cultivated. Seed.

496129. 2856. Yemen Arab Republic. Almahwit Sirah. 1045m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.

496130. 2857. Yemen Arab Republic. Almahwit Sirah. 1045m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white and light red. Cultivated. Seed.

496131. 2859. Yemen Arab Republic. Almahwit Sirah. 1045m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496132. 2864. Yemen Arab Republic. Almahwit Sirah. 1045m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.

496133. 2885. Yemen Arab Republic. Almahwit Bait Shahedy. 990m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496134. 2896. Yemen Arab Republic. Almahwit Al kata'a. 880m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.

496135. 2897. Yemen Arab Republic. Almahwit Al kata'a. 880m.

Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496136. 2902. Yemen Arab Republic. Almahwit Al Koulah. 880m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.

496137. 2909. Yemen Arab Republic. Almahwit Al kata'a. 880m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.

496138. 2910. Yemen Arab Republic. Almahwit Al kata'a. 880m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light brown. Cultivated. Seed.

496139. 2913. Yemen Arab Republic. Almahwit Al kata'a. 880m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496140. 2916. Yemen Arab Republic. Almahwit Al kata'a. 880m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white and light brown. Cultivated. Seed.

496141. 2918. Yemen Arab Republic. Almahwit Al kata'a. 880m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496142. 2933. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496143. 2938. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.

496144. 2947. Yemen Arab Republic. Al Arkoob. 1345m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496145. 2957. Yemen Arab Republic. Al Arkoob. 1345m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496146. 2962. Yemen Arab Republic. Al Arkoob. 1345m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496147. 2972. Yemen Arab Republic. Al Arkoob. 1345m. Race kafir bicolor. Head type 4 - semi-open, elongated, elliptical. Seeds yellow and light orange. Cultivated. Seed.

496148. 2986. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496149. 2991. Yemen Arab Republic. Almahwit Al Arkoob. 1345m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds yellow. Cultivated. Seed.

496150. 3001. Yemen Arab Republic. Al Karow. 1345m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496151. 3002. Yemen Arab Republic. Al Arkoob. 1345m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496152. 3011. Yemen Arab Republic. Al Karow. 1345m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496153. 3025. Yemen Arab Republic. Al Arkoob. 1345m. Race durra. Head type 3 - open, elongated, elliptical. Seeds tan. Cultivated. Seed.

496154. 3049. Yemen Arab Republic. Al Shahedy. 1380m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496155. 3053. Yemen Arab Republic. Al Shahedy. 1380m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496156. 3060. Yemen Arab Republic. Al Shahedy. 1355m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds brown. Cultivated. Seed.

496157. 3061. Yemen Arab Republic. Al Shahedy. 1355m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light brown. Cultivated. Seed.

496158. 3130. Yemen Arab Republic. Al Naina. 1660m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds yellow and white. Cultivated. Seed.

496159. 3133. Yemen Arab Republic. Mahal Noman. 1660m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light brown. Cultivated. Seed.

496160. 3143. Yemen Arab Republic. Bait Al Kuhaiti. 1670m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.

496161. 3148. Yemen Arab Republic. Akabat. 1670m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds light brown. Cultivated. Seed.

496162. 3164. Yemen Arab Republic. Akabat. 1670m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds orange. Cultivated. Seed.

496163. 3178. Yemen Arab Republic. Bait Sahidi. 1430m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.

496164. 3215. Yemen Arab Republic. Al Balad. 1355m. Race kafir caudatum. Head type 3 - open, elongated, elliptical. Seeds yellow and white. Cultivated. Seed.

496165. 3216. Yemen Arab Republic. Al Balad. 1355m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds yellow and brown. Cultivated. Seed.

496166. 3217. Yemen Arab Republic. Al Balad. 1355m. Race durra caudatum. Head type 5 - semi-open, elongated, elliptical. Seeds brown and white. Cultivated. Seed.

496167. 3220. Yemen Arab Republic. Aaber Hajar. 1360m. Race durra bicolor. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.

496168. 3221. Yemen Arab Republic. Aaber Hajar. 1360m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white and brown. Cultivated. Seed.

496169. 3227. Yemen Arab Republic. Bait Al Sahad. 1430m. Race kafir caudatum. Head type 6 - semi-compact, elliptical. Seeds yellow. Cultivated. Seed.

496170. 3239. Yemen Arab Republic. Wadi Amran. 1355m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496171. 3265. Yemen Arab Republic. Al Balad. 1355m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white and tan. Cultivated. Seed.

496172. 3270. Yemen Arab Republic. Aaber Al Hajar. 1360m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.

496173. 3274. Yemen Arab Republic. Aaber Al Hajar. 1360m. Race durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496174. 3278. Yemen Arab Republic. Mahal Al Redah. 1380m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496175. 3281. Yemen Arab Republic. Mahal Al Redah. 1380m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds brown. Cultivated. Seed.

496176. 3290. Yemen Arab Republic. Al Balad. 1355m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds light brown. Cultivated. Seed.

496177. 3291. Yemen Arab Republic. Al Kadan. 1355m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white and brown. Cultivated. Seed.

496178. 3300. Yemen Arab Republic. Al Kadan. 1340m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496179. 3312. Yemen Arab Republic. Aaber Al Hajar. 1360m. Race durra kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.

496180. 3328. Yemen Arab Republic. Mahal Al Redah. 1380m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds white. Cultivated. Seed.

496181. 3331. Yemen Arab Republic. Al Arkoob. 1360m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and brown. Cultivated. Seed.

496182. 3339. Yemen Arab Republic. Mahal Al Redah. 1380m. Race caudatum durra. Head type 4 - semi-open, elongated, elliptical. Seeds tan and white. Cultivated. Seed.

496183. 3346. Yemen Arab Republic. Al Arkoob. 1360m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496184. 3351. Yemen Arab Republic. Al Arkoob. 1360m. Race caudatum kafir. Head type 4 - semi-open, elongated, elliptical. Seeds tan. Cultivated. Seed.

496185. 3353. Yemen Arab Republic. Al Arkoob. 1360m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496186. 3360. Yemen Arab Republic. Al Arkoob. 1360m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496187. 3362. Yemen Arab Republic. Al Arkoob. 1390m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds brown and white. Cultivated. Seed.

496188. 3366. Yemen Arab Republic. Al Arkoob. 1390m. Race caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496189. 3368. Yemen Arab Republic. Al Arkoob. 1390m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496190. 3370. Yemen Arab Republic. Al Arkoob. 1390m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496191. 3373. Yemen Arab Republic. Al Arkoob. 1390m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496192. 3396. Yemen Arab Republic. Gabal Tarek. 1320m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and brown. Cultivated. Seed.

496193. 3398. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.

496194. 3401. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race durra kafir. Head type 6 - semi-compact, elliptical. Seeds yellow and white. Cultivated. Seed.

496195. 3402. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race kafir durra. Head type 3 - open, elongated, elliptical. Seeds yellow and tan. Cultivated. Seed.

496196. 3403. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds yellow and light orange. Cultivated. Seed.

496197. 3404. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds yellow. Cultivated. Seed.

496198. 3407. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496199. 3409. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds light orange and yellow. Cultivated. Seed.

496200. 3416. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race durra caudatum. Head type 4 - semi-open, elongated,

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elliptical. Seeds white. Cultivated. Seed.

496201. 3417. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange and white. Cultivated. Seed.

496202. 3418. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race durra caudatum. Head type 5 - semi-compact, ovate. Seeds white and light red. Cultivated. Seed.

496203. 3419. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race durra caudatum. Head type 5 - semi-compact, ovate. Seeds light orange and white. Cultivated. Seed.

496204. 3420. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race durra caudatum. Head type 5 - semi-compact, ovate. Seeds white. Cultivated. Seed.

496205. 3421. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race durra caudatum. Head type 3 - open, elongated, elliptical. Seeds white. Cultivated. Seed.

496206. 3425. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds yellow. Cultivated. Seed.

496207. 3430. Yemen Arab Republic. Bayt Abdo Ali. 1240m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496208. 3441. Yemen Arab Republic. Bayt Abdo Ali. 1240m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496209. 3456. Yemen Arab Republic. Bayt Abdo Ali. 1050m. Race durra caudatum. Head type 6 - semi-compact, elliptical. Seeds white. Cultivated. Seed.

496210. 3460. Yemen Arab Republic. Bayt Abdo Ali. 1050m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496211. 3461. Yemen Arab Republic. Bayt Abdo Ali. 1050m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light red and white. Cultivated. Seed.

496212. 3462. Yemen Arab Republic. Bayt Abdo Ali. 1050m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496213. 3464. Yemen Arab Republic. Bayt Abdo Ali. 1050m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange and white. Cultivated. Seed.

496214. 3465. Yemen Arab Republic. Bayt Abdo Ali. 1050m. Race durra caudatum. Head type 6 - semi-compact, elliptical. Seeds light orange and white. Cultivated. Seed.

496215. 3467. Yemen Arab Republic. Bayt Abdo Ali. 1050m. Race kafir durra. Head type 6 - semi-compact, elliptical. Seeds light orange and white. Cultivated. Seed.

496216. 3468. Yemen Arab Republic. Bayt Abdo Ali. 1050m. Race durra caudatum. Head type 6 - semi-compact, elliptical. Seeds light red and white. Cultivated. Seed.

496217. 3497. Yemen Arab Republic. Bayt Lahmy. 875m. Race kafir. Head type 3 - open, elongated, elliptical. Seeds white. Cultivated. Seed.

496218. 3502. Yemen Arab Republic. Bayt Lahmy. 875m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange. Cultivated. Seed.

496219. 3507. Yemen Arab Republic. Bayt Lahmy. 875m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds tan and white. Cultivated. Seed.

496220. 3508. Yemen Arab Republic. Bayt Lahmy. 875m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds red and white. Cultivated. Seed.

496221. 3509. Yemen Arab Republic. Bayt Lahmy. 875m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light red and white. Cultivated. Seed.

496222. 3510. Yemen Arab Republic. Bayt Lahmy. 875m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light red and white. Cultivated. Seed.

496223. 3511. Yemen Arab Republic. Bayt Lahmy. 875m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds light orange and white. Cultivated. Seed.

496224. 3514. Yemen Arab Republic. Bayt Lahmy. 875m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange and white. Cultivated. Seed.

496225. 3516. Yemen Arab Republic. Bayt Lahmy. 875m. Race kafir durra. Head type 4 - semi-open, elongated, elliptical. Seeds orange and white. Cultivated. Seed.

496226. 3517. Yemen Arab Republic. Bayt Lahmy. 875m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical.

Seeds white and light orange. Cultivated. Seed.

496227. 3518. Yemen Arab Republic. Bayt Lahmy. 875m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and light orange. Cultivated. Seed.

496228. 3521. Yemen Arab Republic. Bayt Lahmy. 875m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496229. 3522. Yemen Arab Republic. Bayt Lahmy. 870m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496230. 3523. Yemen Arab Republic. Bayt Lahmy. 870m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496231. 3524. Yemen Arab Republic. Bayt Lahmy. 875m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light red and white. Cultivated. Seed.

496232. 3525. Yemen Arab Republic. Bayt Lahmy. 870m. Race durra caudatum. Head type 5 - semi-compact, ovate. Seeds light orange and white. Cultivated. Seed.

496233. 3526. Yemen Arab Republic. Bayt Lahmy. 870m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and orange. Cultivated. Seed.

496234. 3528. Yemen Arab Republic. Bayt Lahmy. 870m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light red and white. Cultivated. Seed.

496235. 3529. Yemen Arab Republic. Bayt Lahmy. 870m. Race kafir caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white and light red. Cultivated. Seed.

496236. 3531. Yemen Arab Republic. Bayt Lahmy. 870m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds tan and white. Cultivated. Seed.

496237. 3536. Yemen Arab Republic. Bayt Abodo Ali. 1050m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light orange and white. Cultivated. Seed.

496238. 3538. Yemen Arab Republic. Bayt Abdo Ali. 1050m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light red and white. Cultivated. Seed.

496239. 3539. Yemen Arab Republic. Bayt Abdo Ali. 1050m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds light red. Cultivated. Seed.

496240. 3540. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496241. 3541. Yemen Arab Republic. Bayt Abdo Ali. 1180m. Race durra caudatum. Head type 4 - semi-open, elongated, elliptical. Seeds white. Cultivated. Seed.

496242. 3643. Yemen Arab Republic. Damar Al Sowyda. 2470m. Race durra kafir. Head type 4 - semi-open, elongated, elliptical. Seeds yellow. Cultivated. Seed.

496243. 3680. Yemen Arab Republic. Damar Al Fukah. 2300m. Race durra kafir. Head type 5 - semi-compact, ovate. Seeds yellow. Cultivated. Seed.

496244. 3683. Yemen Arab Republic. Damar Al Fukah. 2300m. Race durra. Head type 7 - very compact, ovate, flattened base with usually a recurved peduncle. Seeds yellow. Cultivated. Seed.

496245. 3685. Yemen Arab Republic. Damar Al Fukah. 2300m. Race durra. Head type 6 - semi-compact, elliptical. Seeds yellow. Cultivated. Seed.

496246. 3686. Yemen Arab Republic. Damar Al Fukah. 2300m. Race kafir durra. Head type 6 - semi-compact, elliptical. Seeds yellow. Cultivated. Seed.

496247. 3687. Yemen Arab Republic. Damar Al Fukah. 2300m. Race durra. Head type 6 - semi-compact, elliptical. Seeds yellow. Cultivated. Seed.

496248. 3702. Yemen Arab Republic. Damar Alar. 2110m. Race durra kafir. Head type 6 - semi-compact, elliptical. Seeds yellow. Cultivated. Seed.

496249. 3713. Yemen Arab Republic. Damar Abais. 2110m. Race durra kafir. Head type 5 - semi-compact, ovate. Seeds yellow. Cultivated. Seed.

496250. 3717. Yemen Arab Republic. Damar Abais. 2190m. Race durra kafir. Head type 6 - semi-compact, elliptical. Seeds yellow. Cultivated. Seed.

496251 TO 496254. Avena sativa L. (Poaceae) Common oat.

From Canada. Donated by Research Branch, Ottawa Research Station, Agriculture Canada; Ottawa, Ontario K1A 0C6. Received April 1984.

496251. PGR 4655. Athabasca. Canada. OA123-3/Pendek. Plants medium tall. Lodging resistance high. Maturity early. Seeds medium wide, medium long. Yield high. Total weight high. Moderately susceptible to barley yellow dwarf virus. Susceptible to Puccinia graminis f. sp. avenae, to P. coronata f. sp. avenae, to Ustilago avenae, to U. kolleri, to stem and crown rusts, to smut. Spring Annual. Cultivar. Seed.

496252. PGR 8687. Cascade. Canada. Random/Forward. Plants medium tall, yellow with purpling at maturity. Maturity medium late, similar to Harmon. Lodging resistance better than Grizzly, equal to Harmon, less than Random. Seeds medium-sized, yellow. Yield extremely high, 9.4% higher than Grizzly, the previous highest yielding oat in Central and Northern Alberta. Susceptible to crown rust, stem rust, and smut. Cultivar. Seed.

496253. PGR 16145. Dumont. Canada. Harmon Ham/Double Cross 7. Plants tall. Straw medium. Maturity late. Seeds large, plump, white. Yield high, superior to Fidler. Excellent resistance to crown rust and smut. Good resistance to stem rust. Medium resistance to barley yellow dwarf virus. Cultivar. Seed.

496254. PGR 9871. Fidler. Canada. Random/RL 3013. Plants short, strong stemmed. Yield equal to Hudson on the Eastern prairies, best in the rust area. Good resistance to all common races of oat stem rust, leaf rust and smut. Spring Annual. Cultivar. Seed.

496255. Hordeum vulgare L. (Poaceae) Barley.

From Canada. Donated by Research Branch, Ottawa Research Station, Agriculture Canada; Ottawa, Ontario K1A OC6.
Received April 1984.

PGR 15572. Argyle. Canada. Blue aleurone, six row type. Lodging resistance excellent. Yield high. Cultivar. Seed.

496256. Secale cereale L. (Poaceae) Rye.

From Canada. Donated by Research Branch, Ottawa Research Station, Agriculture Canada; Ottawa, Ontario K1A OC6.
Received April 1984.

PGR 11628. Musketeer. Canada. Harrach//Petkus/Dakold. Plants equal in size to Puma. Lodging resistance superior to Puma. Maturity equal to Frontier, earlier than Puma. Spikes awned, long, mid-lax, nodding at maturiy, white-

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chaffed. Seeds uniform, long, wide, blue. Susceptible to ergot, Claviceps purpurea and to snow mold, Typhula and Sclerotinia borealis. Winter Annual. Cultivar. Seed.

496257 TO 496259. Triticum aestivum L. (Poaceae) Common wheat.

From Canada. Donated by Research Branch, Ottawa Research Station, Agriculture Canada; Ottawa, Ontario K1A 0C6. Received April 1984.

496257. PGR 11971. Benito. Canada. Hard red type. Plant height equal to Neepawa. Lodging resistance more than Napayo, less than Neepawa. Maturity one day earlier than Neepawa. Yield and weight equal to Neepawa. More shatter resistant than Sinton. Resistant to stem rust, leaf rust. Moderately resistant to common root rot, loose smut, bunt. Spring Annual. Cultivar. Seed.

496258. PGR 11858. Columbus. Canada. Hard red type. Plants 4-6cm taller than current varieties. Lodging resistance strong. Maturity 1-2 days later than Sinton. Yield superior to Neepawa and Sinton. Seed weight equal to Sinton. Resistant to leaf rust, bunt. Moderately resistant to stem rust, loose smut, common root rot. Resistant to sprouting and weathering. Spring Annual. Cultivar. Seed.

496259. PGR 11859. Leader. Canada. Fortuna/Chris. Hard red type. Plants slightly shorter than Chester. Maturity slightly later than Chester. Photoperiod insensitive. Spikes oblong to fusiform, middense, erect. Seeds ovate, midlong. Resistant to leaf rust, stem rust, loose smut, common bunt and to the wheat stem sawfly. Moderately susceptible to common root rot. Flour yield high. Equal to Marquis in breadmaking quality. Spring Annual. Cultivar. Seed.

496260. Triticum durum Desf. (Poaceae) Durum wheat.

From Canada. Donated by Research Branch, Ottawa Research Station, Agriculture Canada; Ottawa, Ontario K1A 0C6. Received April 1984.

PGR 16148. Medora. Canada. Ward/Macoun. Hard amber type. Juvenile growth erect. Plants medium tall. Lodging resistance good. Straw strong. Maturity midseason. Spikes medium long, medium density, tapering, erect. Shatter resistant. Seeds medium sized, ovate. Resistant to stem rust. Moderately resistant to common root rot, speckled leaf disease. Susceptible to loose smut, tan spot. Drought tolerant. Pasta quality good. Received as Triticum turgidum. Cultivar. Seed.

496261. Asparagus densiflorus (Kunth) Jessop (Liliaceae) Sprenger asparagus.

From Soviet Union. Donated by Botanical Garden of Tartu State University; SU-202400 Tartu, Estonian S.S.R.Code numbers refer to Index Seminum, Tartu 1985.
Received April 1985.

786. Soviet Union. Received as Asparagus sprengeri. Seed.

496262. Asparagus verticillatus L. (Liliaceae).

From Soviet Union. Donated by Botanical Garden of Tartu State University; SU-202400 Tartu, Estonian S.S.R.Code numbers refer to Index Seminum, Tartu 1985.
Received April 1985.

787. Soviet Union. Seed.

496263 TO 496266. Helianthus annuus L. (Asteraceae) Sunflower.

From China, Peoples Repub of. Donated by Liaoning Academy of Agricultural Sciences; Shenyang, Liaoning Province.
Received through G.J. Seiler, Sunflower Research, USDA-ARS, Bushland, Texas.
Received May 1985.

496263. Damaya. China, Peoples Repub of. Seeds striped. Landrace. Seed.

496264. Dong Feng. China, Peoples Repub of. Seeds striped. Landrace. Seed.

496265. Liao 2. China, Peoples Repub of. Seeds striped. Landrace. Seed.

496266. Xin Jiang 2. China, Peoples Repub of. Seeds striped. Landrace. Seed.

496267. Arachis hypogaea L. (Fabaceae) Peanut.

From Burundi. Donated by Rao, P.K.E.; Brabandare; Zenon, K.; ICRISAT; Patancheru. Received through IBPGR, Rome Italy.
Received August 1984.

PB-25. Burundi. Collected June 1982. Gitega village, Gitega Province. 1650m. Seed.

496268. Pennisetum sp. (Poaceae).

From Burundi. Collected by Rao, P.K.E.; Brabandare; Zenon, K.;

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ICRISAT; Patancheru. Received through IBPGR, Rome Italy. Received August 1984.

PB-30. Burundi. Collected June 1982. Southwest, 14km of Kiofi village, Bururi Province. 1300m. Wild. Seed.

496269 TO 496366. Sorghum bicolor (L.) Moench (Poaceae) Sorghum.

From Burundi. Collected by Rao, P.K.E.; Brabandare; Zenon, K.; ICRISAT; Patancheru. Received through IBPGR, Rome Italy. Received August 1984.

496269. PB-1. Burundi. Collected June 1982. East, 17km of Bugarama village, Muramvya Province. 1800m. Race durra caudatum. Seed.

496270. PB-2. Burundi. Collected June 1982. East, 70 km of Bugarama village, Muramvya Province. 1800m. Race durra caudatum. Seed.

496271. PB-3. Burundi. Collected June 1982. East, 76km of Bugarama village, Muramvya Province. 1700m. Race durra caudatum. Seed.

496272. PB-4. Burundi. Collected June 1982. South, 22km of Kirundo village, Muyinga Province. 1500m. Race durra caudatum. Seed.

496273. PB-5. Burundi. Collected June 1982. South, 22km of Kirundo village, Muyinga Province. 1500m. Race durra caudatum. Seed.

496274. PB-6. Burundi. Collected June 1982. South, 22km of Kirundo village, Muyinga Province. 1500m. Race durra caudatum. Seed.

496275. PB-7. Burundi. Collected June 1982. South, 22km of Kirundo village, Muyinga Province. 1500m. Race durra caudatum. Seed.

496276. PB-8. Burundi. Collected June 1982. South, 20km of Kirundo village, Muyinga Province. 1580m. Race caudatum. Seed.

496277. PB-9. Burundi. Collected June 1982. South, 1 km of Kirundo village, Muyinga Province. 1420m. Race caudatum. Seed.

496278. PB-10. Burundi. Collected June 1982. Southeast, 1 km of Kirundo village, Muyinga Province. 1400m. Race caudatum. Seed.

496279. PB-11. Burundi. Collected June 1982. Southeast, 1 km of Kirundo village, Muyinga Province. 1400m. Race caudatum. Seed.

496280. PB-12. Burundi. Collected June 1982. Southeast, 2km of Kirundo village, Muyinga Province. 1400m. Race caudatum. Seed.

496281. PB-14. Burundi. Collected June 1982. Southeast, 14km of Kirundo village, Muyinga Province. 1390m. Race caudatum. Seed.

496282. PB-15. Burundi. Collected June 1982. Southeast, 16km of Kirundo village, Muyinga Province. 1400m. Race caudatum. Seed.

496283. PB-16. Burundi. Collected June 1982. Southeast, 26km of Kirundo village, Muyinga Province. 1650m. Race caudatum. Seed.

496284. PB-17. Burundi. Collected June 1982. Southeast, 12km of Muyinga village, Muyinga Province. 1600m. Race caudatum. Seed.

496285. PB-18. Burundi. Collected June 1982. Southwest, 79km of Muyinga village, Muyinga Province. 1500m. Race caudatum. Seed.

496286. PB-19. Burundi. Collected June 1982. Southwest, 81km of Muyinga village, Muyinga Province. 1520m. Race caudatum. Seed.

496287. PB-20. Burundi. Collected June 1982. Southwest, 81km of Muyinga village, Muyinga Province. 1520m. Race caudatum. Seed.

496288. PB-21. Burundi. Collected June 1982. Southwest, 81km of Muyinga village, Muyinga Province. 1520m. Race caudatum. Seed.

496289. PB-22. Burundi. Collected June 1982. Southwest, 87km of Muyinga village, Muyinga Province. 1350m. Race caudatum. Seed.

496290. PB-23. Burundi. Collected June 1982. Southwest, 87km of Muyinga village, Muyinga Province. 1350m. Race shattercane. Wild. Seed.

496291. PB-24. Burundi. Collected June 1982. Southwest, 87km of Muyinga village, Muyinga Province. 1350m. Race durra caudatum. Seed.

496292. PB-26. Burundi. Collected June 1982. South, 28km of Gitega village, Gitega Province. 1650m. Race durra caudatum. Seed.

496293. PB-27. Burundi. Collected June 1982. South, 28km of Gitega village, Gitega Province. 1650m. Race durra caudatum. Seed.

496294. PB-28. Burundi. Collected June 1982. West, 47km of Kiofi village, Bururi Province. 1880m. Race durra caudatum. Seed.

496295. PB-29. Burundi. Collected June 1982. West, 32km of Kiofi village, Bururi Province. 1600m. Race caudatum. Seed.

496296. PB-31. Burundi. Collected June 1982. Southwest, 23km of Kiofi village, Bururi Province. 1350m. Race durra caudatum. Seed.

496297. PB-32. Burundi. Collected June 1982. Southwest, 23km of Kiofi village, Bururi Province. 1350m. Race durra caudatum. Seed.

496298. PB-33. Burundi. Collected June 1982. Southwest, 23km of Kiofi village, Bururi Province. 1350m. Race durra caudatum. Seed.

496299. PB-34. Burundi. Collected June 1982. Southwest, 23km of Kiofi village, Bururi Province. 1350m. Race durra caudatum. Seed.

496300. PB-35. Burundi. Collected June 1982. Southwest, 40km of Kiofi village, Bururi Province. 1550m. Race durra caudatum. Seed.

496301. PB-36. Burundi. Collected June 1982. Southwest, 40km of Kiofi village, Bururi Province. 1550m. Race durra caudatum. Seed.

496302. PB-37. Burundi. Collected June 1982. Southwest, 40km of Kiofi village, Bururi Province. 1550m. Race durra caudatum. Seed.

496303. PB-38. Burundi. Collected June 1982. Southwest, 40km of Kiofi village, Bururi Province. 1550m. Race durra caudatum. Seed.

496304. PB-39. Burundi. Collected June 1982. Southwest, 41km of Kiofi village, Bururi Province. 1550m. Race durra caudatum. Seed.

496305. PB-40. Burundi. Collected June 1982. Southwest, 41km of

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Kiofi village, Bururi Province. 1550m. Race durra caudatum. Seed.

496306. PB-41. Burundi. Collected June 1982. Southwest, 41km of Kiofi village, Bururi Province. 1550m. Race durra caudatum. Seed.

496307. PB-43. Burundi. Collected June 1982. Southwest, 43km of Kiofi village, Bururi Province. 1640m. Race caudatum. Seed.

496308. PB-44. Burundi. Collected June 1982. Southwest, 43km of Kiofi village, Bururi Province. 1640m. Race durra caudatum. Seed.

496309. PB-45. Burundi. Collected June 1982. Southwest, 43km of Kiofi village, Bururi Province. 1640m. Race durra caudatum. Seed.

496310. PB-46. Burundi. Collected June 1982. Southwest, 43km of Kiofi village, Bururi Province. 1640m. Race durra caudatum. Seed.

496311. PB-47. Burundi. Collected June 1982. Southwest, 43km of Kiofi village, Bururi Province. 1640m. Race durra caudatum. Seed.

496312. PB-48. Burundi. Collected June 1982. North, 5km of Kiofi village, Ruyigi Province. 1200m. Race durra caudatum. Seed.

496313. PB-49. Burundi. Collected June 1982. North, 5km fo Kiofi village, Ruyigi Province. 1200m. Race durra caudatum. Seed.

496314. PB-51. Burundi. Collected June 1982. North, 21km of Kiofi village, Ruyigi Province. 1200m. Race durra caudatum. Seed.

496315. PB-52. Burundi. Collected June 1982. North, 21km of Kiofi village, Ruyigi Province. 1200m. Race durra caudatum. Seed.

496316. PB-53. Burundi. Collected June 1982. North, 21km of Kiofi village, Ruyigi Province. 1200m. Race durra caudatum. Seed.

496317. PB-54. Burundi. Collected June 1982. North, 21km of Kiofi village, Ruyigi Province. 1200m. Race durra caudatum. Seed.

496318. PB-55. Burundi. Collected June 1982. North, 21km of Kiofi village, Ruyigi Province. 1200m. Race durra caudatum. Seed.

496319. PB-58. Burundi. Collected June 1982. North, 22km of Kiofi village, Ruyigi Province. 1200m. Race caudatum. Seed.

496320. PB-60. Burundi. Collected June 1982. North, 30km of Kiofi village, Ruyigi Province. 1250m. Race caudatum. Seed.

496321. PB-61. Burundi. Collected June 1982. North, 30km of Kiofi village, Ruyigi Province. 1250m. Race caudatum. Seed.

496322. PB-64. Burundi. Collected June 1982. North, 12km of Kiharo village, Ruyigi Province. 1250m. Race caudatum. Seed.

496323. PB-65. Burundi. Collected June 1982. North, 12km of Kiharo village, Ruyigi Province. 1270m. Race caudatum. Seed.

496324. PB-67. Burundi. Collected June 1982. North, 19km of Kiharo village, Ruyigi Province. 1280m. Race caudatum. Seed.

496325. PB-68. Burundi. Collected June 1982. North, 22km of Kiharo village, Ruyigi Province. 1300m. Race caudatum. Seed.

496326. PB-69. Burundi. Collected June 1982. North, 22km of Kiharo village, Ruyigi Province. 1300m. Race caudatum. Seed.

496327. PB-70. Burundi. Collected June 1982. North, 27km of Kiharo village, Ruyigi Province. 1300m. Race caudatum. Seed.

496328. PB-71. Burundi. Collected June 1982. North, 27km of Kiharo village, Ruyigi Province. 1300m. Race caudatum. Seed.

496329. PB-72. Burundi. Collected June 1982. North, 44km of Kiharo village, Ruyigi Province. 1700m. Race caudatum. Seed.

496330. PK-73. Burundi. Collected June 1982. North, 1 km of Mugerero village, Bubanza Province. 820m. Race caudatum. Seed.

496331. PK-74. Burundi. Collected June 1982. North, 1 km of Mugerero village, Bubanza Province. 820m. Race caudatum. Seed.

496332. PK-75. Burundi. Collected June 1982. North, 1 km of Mugerero village, Bubanza Province. 820m. Race caudatum. Seed.

496333. PK-76. Burundi. Collected June 1982. North, 4 km of Mugerero village, Bubanza Province. 820m. Race caudatum. Seed.

496334. PK-77. Burundi. Collected June 1982. North, 4 km of Mugerero village, Bubanza Province. 820m. Race caudatum. Seed.

496335. PK-78. Burundi. Collected June 1982. North, 4 km of Mugerero village, Bubanza Province. 820m. Race caudatum. Seed.

496336. PK-79. Burundi. Collected June 1982. North, 4 km of Mugerero village, Bubanza Province. 820m. Race caudatum. Seed.

496337. PK-80. Burundi. Collected June 1982. North, 6km of Mugerero village, Bubanza Province. 820m. Race caudatum. Seed.

496338. PK-81. Burundi. Collected June 1982. North, 7km of Mugerero village, Bubanza Province. 820m. Race caudatum. Seed.

496339. PK-82. Burundi. Collected June 1982. North, 7km of Mugerero village, Bubanza Province. 820m. Race caudatum. Seed.

496340. PK-84. Burundi. Collected June 1982. North, 18km of Mugerero village, Bubanza Province. 880m. Race durra caudatum. Seed.

496341. PK-85. Burundi. Collected June 1982. North, 18km of Mugerero village, Bubanza Province. 880m. Race durra caudatum. Seed.

496342. PK-86. Burundi. Collected June 1982. North, 18km of Mugerero village, Bubanza Province. 880m. Race caudatum. Seed.

496343. PK-88. Burundi. Collected June 1982. North, 22km of Mugerero village, Bubanza Province. 850m. Race caudatum. Seed.

496344. PK-89. Burundi. Collected June 1982. North, 22km of Mugerero village, Bubanza Province. 850m. Race caudatum. Seed.

496345. PK-90. Burundi. Collected June 1982. North, 22km of Mugerero village, Bubanza Province. 850m. Race caudatum. Seed.

496346. PK-91. Burundi. Collected June 1982. North, 22km of Mugerero village, Bubanza Province. 850m. Race caudatum. Seed.

496347. PK-92. Burundi. Collected June 1982. North, 29km of Mugerero village, Bubanza Province. 1100m. Race caudatum. Seed.

496348. PK-93. Burundi. Collected June 1982. North, 29km of Mugerero village, Bubanza Province. 1100m. Race caudatum. Seed.

496349. PK-95. Burundi. Collected June 1982. North, 32km of Mugerero village, Bubanza Province. 1100m. Race caudatum. Seed.

496350. PK-96. Burundi. Collected June 1982. South, 3km of Bujumbura village, Bujumbura Province. 820m. Race shattercane. Seed.

496351. PK-97. Burundi. Collected June 1982. South, 9km of Bujumbura village, Bujumbura Province. 820m. Race caudatum. Seed.

496352. PK-98. Burundi. Collected June 1982. South, 9km of Bujumbura village, Bujumbura Province. 820m. Race caudatum. Seed.

496353. PK-99. Burundi. Collected June 1982. South, 9km of Bujumbura village, Bujumbura Province. 820m. Race caudatum. Seed.

496354. PK-100. Burundi. Collected June 1982. South, 20km of Bujumbura village, Bujumbura Province. 850m. Race caudatum. Seed.

496355. PK-101. Burundi. Collected June 1982. South, 20km of Bujumbura village, Bujumbura Province. 850m. Race caudatum. Seed.

496356. PK-102. Burundi. Collected June 1982. South, 20km of Bujumbura village, Bujumbura Province. 850m. Race caudatum. Seed.

496357. PK-103. Burundi. Collected June 1982. South, 30km of Bujumbura village, Bujumbura Province. 920m. Race caudatum. Seed.

496358. PK-104. Burundi. Collected June 1982. South, 22km of Bujumbura village, Bujumbura Province. 850m. Race caudatum. Seed.

496359. PK-105. Burundi. Collected June 1982. South, 22km of Bujumbura village, Bujumbura Province. 850m. Race caudatum. Seed.

496360. PK-106. Burundi. Collected June 1982. South, 22km of Bujumbura village, Bujumbura Province. 850m. Race caudatum. Seed.

496361. PK-107. Burundi. Collected June 1982. South, 22km of Bujumbura village, Bujumbura Province. 850m. Race caudatum. Seed.

496362. PK-109. Burundi. Collected June 1982. North, 10km of Bujumbura village, Bujumbura Province. 850m. Race caudatum. Seed.

496363. PK-110. Burundi. Collected June 1982. East, 2km of Mugerero village, Bujumbura Province. 850m. Race caudatum. Seed.

496364. PK-111. Burundi. Collected June 1982. East, 2km of Mugerero village, Bujambura Province. 850m. Race caudatum. Seed.

496365. PK-112. Burundi. Collected June 1982. South, 8km of Mugerero village, Bubanza Province. 820m. Race caudatum. Seed.

496366. PK-113. Burundi. Collected June 1982. South, 8km of Mugerero village, Bubanza Province. 820m. Race caudatum. Seed.

496367 TO 496370. Sorghum sp. (Poaceae).

From Burundi. Collected by Rao, P.K.E.; Brabandare; Zenon, K.; ICRISAT; Patancheru. Received through IBPGR, Rome Italy. Received August 1984.

496367. PB-13. Burundi. Collected June 1982. Southeast, 8km of Kirundo village, Muyinga Province. 1350m. Race shattercane. Wild. Seed.

496368. PB-42. Burundi. Collected June 1982. Southwest, 42km of Kiofi village, Bururi Province. 1600m. Race Sorgbastrum bipennatum. Seed.

496369. PK-94. Burundi. Collected June 1982. North, 32km of

496367 TO 496370-continued
Mugerero village, Bubanza Province. 1100m. Race arundinaceum. Wild. Seed.

496370. PK-108. Burundi. Collected June 1982. South, 20km of Bujumbura village, Bujumbura Province. 850m. Race shattercane. Wild. Seed.

496371 TO 496372. Panicum boliviense Hack. (Poaceae).

From United States. Donated by Brown, R.H.; Department of Agronomy, University of Georgia; Athens, Georgia. Received February 1985.

496371. 121. Argentina. Collected March 29, 1976. Near water's edge, bank of Parana River, Corrientes. Collected by R.H. Brown, C. Quarin and A. Krapovickas. Plants 1 m tall. Wild. Seed.

496372. 133. Argentina. Collected March 31, 1976. In forest on banks of Parana River, 42km E of Ituzaingo, Corrientes. Collected by R.H. Brown and C. Quarin. Plants 1-1.5m tall. Wild. Seed.

496373 TO 496376. Panicum decipiens Nees (Poaceae) Panicgrass.

From United States. Donated by Brown, R.H.; Department of Agronomy, University of Georgia; Athens, Georgia. Received February 1985.

496373. 102. Brazil. Collected March 23, 1976. Edge of abandoned field, Faculdade da Agronomia, Porto Alegre. Collected by R.H. Brown and I. Barreto. Wild. Seed.

496374. 112. Brazil. Collected March 25, 1976. In water from slow spring, near Novo Hamburgo, 20km from Porto Alegre. Plants 50-60cm tall. Rhizomes 2-5cm long. Panicles closed, very slender. Wild. Seed.

496375. 113. Brazil. Collected March 24, 1976. Cultivated border, Faculdade da Agronomia Exp. Farm, 40km from Porto Alegre. Collected by R.H. Brown and I. Barreto. Plants short, 20-30cm tall, much branched near base. Wild. Seed.

496376. 136. Argentina. Collected March 31, 1976. Wet roadside ditch, Rte. 12, 40km E of Ituzaingo, Corrientes Province. Collected by R.H. Brown and C. Quarin. Plants 50-70cm tall. Rhizomes long. Wild. Seed.

496377. Panicum grumosum Nees (Poaceae).

From United States. Donated by Brown, R.H.; Department of

496377-continued
Agronomy, University of Georgia; Athens, Georgia.
Received February 1985.

107. Brazil. Collected March 24, 1976. Ditch, rice field, 20km from Porto Alegre. Collected by R.H. Brown and I. Barreto. Plants 50-100cm tall. Rhizomes very stout. Wild. Seed.

496378 TO 496386. Panicum laxum Sw. (Poaceae).

From United States. Donated by Brown, R.H.; Department of Agronomy, University of Georgia; Athens, Georgia.
Received February 1985.

496378. 104. Brazil. Collected March 24, 1976. Shallow ditch, Secretaria da Agricultura Station, 15km from Porto Alegre. Collected by R.H. Brown and I. Barreto. Stand in small patches, nearly pure. Wild. Seed.

496379. 117. Uruguay. Collected March 28, 1976. Low wet riverbank, San Javier, near Paysandu. Collected by R.H. Brown and B. Rosengurtt. Plants 30cm tall. Wild. Seed.

496380. 123. Argentina. Collected March 29, 1976. In tall grass in vacant lot near river & Faculdad da Agronomia, Corrientes. Collected by R.H. Brown, C. Quarin and A. Krapovickas. Plants 70-80cm tall. Wild. Seed.

496381. 124. Argentina. Collected March 30, 1976. Low wet bank of Riachuelo arroyo, 10km from Corrientes. Collected by R.H. Brown and A. Schinini. Growing with Panicum prionitis. Plants 20-30cm tall. Panicles purple. Lightly grazed area. Wild. Seed.

496382. 125. Argentina. Collected March 30, 1976. Low wet bank of Riachuelo arroyo, 10km from Corrientes. Collected by R.H. Brown and A. Schinini. Growing with Panicum prionitis. Plants 70-80cm tall. Panicles large. Wild. Seed.

496383. 127. Argentina. Collected March 30, 1976. Low wet bank of Riachuelo arroyo, 10km from Corrientes. Collected by R.H. Brown and A. Schinini. Growing with Panicum prionitis. Plants many in area 10-15m diameter. Wild. Seed.

496384. 132. Argentina. Collected March 31, 1976. Banks near water of slough on Parana River at Port Ituzaingo, Corrientes. Collected by R.H. Brown and C. Quarin. Growing with Panicum prionitis. Wild. Seed.

496385. 137. Argentina. Collected March 31, 1976. Wet roadside ditch, Pte. 12, 40km E of Ituzaingo, Corrientes. Collected by R.H. Brown and C. Quarin. No rhizomes. Panicles with many branches. Spikelets short, 1.2-1.3mm. Wild. Seed.

496386. 160. Argentina. Collected May 01, 1984. Stream, de Concepcion de la Sierra a San Javier, Misiones Province. Collected by F.O. Zuloaga (108-Zuloaga). Wild. Seed.

496387 TO 496391. Panicum milioides Nees ex Trin. (Poaceae) Panicgrass.

From United States. Donated by Brown, R.H.; Department of Agronomy, University of Georgia; Athens, Georgia. Received February 1985.

496387. 101. Brazil. Collected March 23, 1976. Edge of abandoned field, Faculdade da Agronomia, Porto Alegre. Collected by R.H. Brown and I. Barreto. Wild. Seed.

496388. 115. Uruguay. Collected March 27, 1976. Native pasture, 20km S of Faculdade da Agronomia, Exp. Farm, Paysandu. Collected by R.H. Brown and B. Rosengurtt. Plants 10-20cm tall. Rhizomes 1-3cm long. Panicles short, compact. Wild. Seed.

496389. 129. Argentina. Collected December 20, 1975. Riachuelo arroyo, 10km from Corrientes. Collected by C. Quarin. Wild. Seed.

496390. 138. United States. Wet ditch, farmers field, Mitchell County, Georgia. Collected by R.H. Brown. Wild. Seed.

496391. 161. Argentina. Collected May 02, 1984. Between Obero and campo Viero, Misiones Province. Collected by F.O. Zuloaga (105-Zuloaga). Wild. Seed.

496392 TO 496394. Panicum pilosum Sw. (Poaceae).

From United States. Donated by Brown, R.H.; Department of Agronomy, University of Georgia; Athens, Georgia. Received February 1985.

496392. 145. Venezuela. Old field, San Carlos de Rio Negro. Wild. Seed.

496393. 151. Mexico. Chiapas. Collected by G. Davidse (Davidse 54040). Wild. Seed.

496394. 166. Argentina. Collected May 02, 1984. Between Campo Viera and Campo Grande, Misiones Province. Collected by F.O. Zuloaga (103-Zuloaga). Wild. Seed.

496395 TO 496397. Panicum prionitis Nees (Poaceae) Panicgrass.

From United States. Donated by Brown, R.H.; Department of Agronomy, University of Georgia; Athens, Georgia. Received February 1985.

496395. 106. Brazil. Collected March 24, 1976. Low area in pasture, Faculdade da Agronomia Exp. Farm, 40km to Porto Alegre. Collected by R.H. Brown and I. Barreto. Plants 1.5-1.8m tall. Wild. Seed.

496396. 128. Argentina. Collected November 16, 1975. Riachuelo arroyo, 10km from Corrientes. Collected by C. Quarin. Wild. Seed.

496397. 130. Argentina. Collected March 31, 1976. By forest road, bank of Parana River, 42km E of Ituzaingo, Corrientes. Collected by R.H. Brown and C. Quarin. One large seedhead. Wild. Seed.

496398. Panicum rivulare Trin. (Poaceae).

From United States. Donated by Brown, R.H.; Department of Agronomy, University of Georgia; Athens, Georgia. Received February 1985.

135. Argentina. Collected March 31, 1976. Wet roadside ditch, Rte. 12, 40km W of Ituzaingo, Corrientes Province. Collected by R.H. Brown and C. Quarin. Plants 1-1.5m tall. Wild. Seed.

496399. Cercis canadensis L. (Fabaceae).

From United States. Collected by Widrlechner, M.P.; North Central Regional Plant Introduction Station, Iowa State University; Ames, Iowa. Received December 1984.

7. United States. Collected September 21, 1984. Lake of Three Fires State Park (T68N R34W Sec 12), Taylor Co., Iowa. 348m. Plants to 6m tall growing with prickly ash, black walnut, Ribes, and Toxicodendron radicans. Tree. Wild. Seed.

496400. Hordeum vulgare L. (Poaceae) Barley.

From United States. Donated by Ullrich, S.E.; Department of Agronomy and Soils, Washington State University; Pullman, Washington. Received May 1985.

496400-continued

WA14583-77. Cougbar. United States. Beacon//7136-62/6773-71. Plants medium tall, 6-row type. Straw stiffer than Steptoe, Morex or Advance. Maturity similar to Steptoe, Morex. Heads lax, 10% erectoides. Seeds mid-long, moderately plump. Yield higher than Morex, Advance, equal to Steptoe. Test weight higher than Steptoe, Advance, similar to Morex. Resistance to powdery mildew similar to Morex, less than Steptoe, more than Advance. Moderately susceptible to Barley Yellow Dwarf Virus. Malt quality good. Useful for feed. Spring Annual. Cultivar. Seed.

496401 TO 496450. Arachis hypogaea L. (Fabaceae) Peanut.

From Burkina Faso. Collected by Sankara, P.; I.S.P., Universite de Ouagadougou; Ouagadougou.
Received February 1985.

496401. C1. Burkina Faso. Panga. Local type. Testa pink and white (variegated). Resistant to Cercospora. Primitive Cultivar. Seed.

496402. C2. Burkina Faso. Pahsy. Local type. Pods large. Testa pink. Primitive Cultivar. Seed.

496403. C3. Jedere. Burkina Faso. Local type. Testa pink. Primitive Cultivar. Seed.

496404. C4. Burkina Faso. Banfora. Local type. Testa pink. Primitive Cultivar. Seed.

496405. C5. Kakogenigo. Burkina Faso. Panga. Local type. Testa pink. Primitive Cultivar. Seed.

496406. C6. FJA de Yedere. Burkina Faso. Local type. Maturity 100-110 days. Testa pink and white (variegated). Extremely susceptible to rust. Primitive Cultivar. Seed.

496407. C7. FJA de Yedere. Burkina Faso. Local type. Maturity 90-100 days. Testa pink. Slightly susceptible to rust and Cercospora. Primitive Cultivar. Seed.

496408. C8. Balole. Burkina Faso. Kaya. Local type. Testa pink. Primitive Cultivar. Seed.

496409. C9. Wobzo. Burkina Faso. Yako. Local type. Testa pink. Primitive Cultivar. Seed.

496410. C10. Moaga. Burkina Faso. Baskoure. Local type. Testa pink. Primitive Cultivar. Seed.

496411. C11. Burkina Faso. Sasou, 65km from Ouaga. Local type. Testa pink. Infected with rust and Cercospora. Primitive Cultivar. Seed.

496412. C12. Burkina Faso. Dapelgo. Local type. Maturity 90 days.

Testa pink. Primitive Cultivar. Seed.

496413. C13. 11-IRHO. Burkina Faso. Koutoura. Local type. Testa pink. Primitive Cultivar. Seed.

496414. C14. Burkina Faso. Kouheba. Local type. Testa pink. Very susceptible to rust. Primitive Cultivar. Seed.

496415. C15. Moaga. Burkina Faso. Collected October 14, 1983. Local type. Testa pink. Primitive Cultivar. Seed.

496416. C16. Nassara nagouri. Burkina Faso. Yako. Local type. Testa pink. Primitive Cultivar. Seed.

496417. C17. Bowanga. Burkina Faso. Local type. Maturity 90 days. Testa pink. Primitive Cultivar. Seed.

496418. C18. X1. Burkina Faso. Local type. Testa pink. Primitive Cultivar. Seed.

496419. C19. Burkina Faso. Dabou, 65km from Ouaga. Local type. Testa pink. Primitive Cultivar. Seed.

496420. C20. X2. Burkina Faso. Local type. Testa pink. Primitive Cultivar. Seed.

496421. C21. Doulanabitenga. Burkina Faso. Local type. Testa pink. Primitive Cultivar. Seed.

496422. C22. Burkina Faso. Toussiana. Local type. Testa pink and white (variegated). Primitive Cultivar. Seed.

496423. C23. Moaga nagouri. Burkina Faso. Quahigouya. Local type. Testa pink. Primitive Cultivar. Seed.

496424. C24. QH243. Burkina Faso. Project Anacasde de Yedere. Local type. Testa red. No apparent rust. Primitive Cultivar. Seed.

496425. C25. FJA Yendere. Burkina Faso. Local type. Maturity 120 days. Testa pink. Resistant to Cercospora, susceptible to rust. Primitive Cultivar. Seed.

496426. C26. Bouanga. Burkina Faso. Local type. Maturity 70-90 days. Testa pink. Primitive Cultivar. Seed.

496427. C27. Burkina Faso. Quahigouya. Local type. Testa pink. Primitive Cultivar. Seed.

496428. C28. Burkina Faso. Quahigouya. Local type. Testa pink. Primitive Cultivar. Seed.

496429. C29. Bouwanga. Burkina Faso. Roubtenga. Local type.

Testa pink. Primitive Cultivar. Seed.

496430. C30. Burkina Faso. Namsiqui. Local type. Testa pink and white (variegated). Primitive Cultivar. Seed.

496431. C31. Namsiqui. Burkina Faso. Local type. Testa red. Primitive Cultivar. Seed.

496432. C32. Namsiqui (Yako) Nassara Nagouri. Burkina Faso. Local type. Testa pink. Primitive Cultivar. Seed.

496433. C33. Koutoura. Burkina Faso. Local type. Maturity 90-100 days. Testa pink. Primitive Cultivar. Seed.

496434. C34. Burkina Faso. Yatenga Koudoumba. Local type. Testa pink. Primitive Cultivar. Seed.

496435. C35. Burkina Faso. Yako. Local type. Testa red. Primitive Cultivar. Seed.

496436. C36. Nassara nagouri. Burkina Faso. Dorgraba. Local type. Maturity 90 days. Testa pink. Primitive Cultivar. Seed.

496437. C37. Burkina Faso. Kaya. Local type. Testa pink. Primitive Cultivar. Seed.

496438. C38. Nassara nagouri Goway. Burkina Faso. Local type. Testa pink. Primitive Cultivar. Seed.

496439. C39. Nassara nagouri Poilinga. Burkina Faso. Local type. Testa pink. Primitive Cultivar. Seed.

496440. C40. Nassara nagouri Tanguin. Burkina Faso. Yako. Local type. Testa pink. Primitive Cultivar. Seed.

496441. C41. Burkina Faso. Poilinga. Local type. Testa pink. Primitive Cultivar. Seed.

496442. C42. Nassara nagouri. Burkina Faso. Selection from Gouray. Local type. Testa pink. Primitive Cultivar. Seed.

496443. C43. Nassara nagouri Tembo. Burkina Faso. Selection from Kaya. Local type. Testa pink. Primitive Cultivar. Seed.

496444. C44. Gorkake. Burkina Faso. Selection from Po. Local type. Testa pink. Primitive Cultivar. Seed.

496445. C45. FJA Yendere. Burkina Faso. Local type. Maturity 90 days. Testa pink. Resistant to rust and Cercospora. Primitive Cultivar. Seed.

496446. C46. Kongoussi I. Burkina Faso. Local type. Testa pink. Primitive Cultivar. Seed.

496401 TO 496450-continued

496447. C47. Kongoussi II. Burkina Faso. Local type. Testa pink. Primitive Cultivar. Seed.

496448. C48. Kongoussi III. Burkina Faso. Local type. Testa pink. Primitive Cultivar. Seed.

496449. C49. X3. Burkina Faso. Local type. Testa red. Primitive Cultivar. Seed.

496450. C50. X4. Burkina Faso. Local type. Seeds large. Testa red and white (variegated) striped. Primitive Cultivar. Seed.

496451 TO 496928. Abelmoschus esculentus (L.) Moench (Malvaceae) Okra.

From Ivory Coast. Donated by Hamon, S.; Office de la Recherche Scientifique et Technique Outre-Mer; Abidjan. Received through International Board for Plant Genetic Resources, Rome, Italy.
Received February 1985.

496451. ORS 1258. Benin. HCD 3. Latitude: 06 deg 40 m N; Longitude: 002 deg 40 m E. Gbada. Seed.

496452. ORS 1263. Benin. HCD 6. Latitude: 06 deg 50 m N; Longitude: 002 deg 40 m E. Houezome. Seed.

496453. ORS 1268. Benin. HCD 11. Latitude: 07 deg 10 m N; Longitude: 002 deg 35 m E. Issaba. Seed.

496454. ORS 1270. Benin. HCD 13. Latitude: 06 deg 30 m N; Longitude: 002 deg 05 m E. Kpodji. Seed.

496455. ORS 1275. Benin. HCD 18. Latitude: 06 deg 50 m N; Longitude: 002 deg 15 m E. Ouegbo Agon. Seed.

496456. ORS 1278. Benin. HAH 21 A. Latitude: 07 deg 10 m N; Longitude: 002 deg 05 m E. Agbohoutogon. Seed.

496457. ORS 1279. Benin. HAH 21 B. Latitude: 07 deg 10 m N; Longitude: 002 deg 05 m E. Agbohoutogon. Seed.

496458. ORS 1282. Benin. HAH 24. Latitude: 07 deg 20 m N; Longitude: 002 deg 05 m E. Atcherigbe. Seed.

496459. ORS 1285. Benin. HAH 27. Latitude: 07 deg 30 m N; Longitude: 002 deg 05 m E. Paouignan. Seed.

496460. ORS 1286. Benin. HAH 28. Latitude: 07 deg 35 m N; Longitude: 002 deg 05 m E. Dassa-Zoume. Seed.

496461. ORS 1288. Benin. HAH 30. Latitude: 07 deg 35 m N; Longitude: 002 deg 05 m E. Tangbe. Seed.

496462. ORS 1289. Benin. HAH 31. Latitude: 07 deg 53 m N; Longitude: 002 deg 05 m E. Tangbe. Seed.

496463. ORS 1290. Benin. HAH 32. Latitude: 08 deg N; Longitude: 002 deg 05 m E. Tan Kossi. Seed.

496464. ORS 1291. Benin. HAH 33. Latitude: 08 deg N; Longitude: 002 deg 05 m E. Tan Kossi. Seed.

496465. ORS 1292. Benin. HAH 34. Latitude: 07 deg 40 m N; Longitude: 002 deg E. Atake Koffe 3. Seed.

496466. ORS 1293. Benin. HAH 35 A. Latitude: 07 deg 40 m N; Longitude: 002 deg E. Atake Koffe 3. Seed.

496467. ORS 1294. Benin. HAH 35 B. Latitude: 07 deg 40 m N; Longitude: 002 deg E. Atake Koffe 3. Seed.

496468. ORS 1296. Benin. HAH 37. Latitude: 07 deg 40 m N; Longitude: 002 deg E. Atake Koffe 3. Seed.

496469. ORS 1297. Benin. HAH 38. Latitude: 08 deg N; Longitude: 002 deg 30 m E. Atake Koffe 3. Seed.

496470. ORS 1301. Benin. HAH 42. Latitude: 08 deg N; Longitude: 002 deg 30 m E. Gobe. Seed.

496471. ORS 1302. Benin. HAH 43. Latitude: 08 deg N; Longitude: 002 deg 30 m E. Gobe. Seed.

496472. ORS 1307. Benin. HAH 48 A. Latitude: 08 deg 10 m N; Longitude: 002 deg 40 m E. Wogui. Seed.

496473. ORS 1308. Benin. HAH 48 B. Latitude: 08 deg 10 m N; Longitude: 002 deg 40 m E. Wogui. Seed.

496474. ORS 1312. Benin. HAH 52. Latitude: 08 deg 35 m N; Longitude: 002 deg 40 m E. Toui. Seed.

496475. ORS 1313. Benin. HAH 53. Latitude: 08 deg 35 m N; Longitude: 002 deg 40 m E. Toui. Seed.

496476. ORS 1314. Benin. HAH 54. Latitude: 08 deg 35 m N; Longitude: 002 deg 40 m E. Toui. Seed.

496477. ORS 1316. Benin. HAH 56. Latitude: 09 deg N; Longitude: 002 deg 40 m E. Tchaourou. Seed.

496478. ORS 1317. Benin. HAH 57. Latitude: 09 deg N; Longitude:

002 deg 40 m E. Tchaourou. Seed.

496479. ORS 1321. Benin. HAH 60 A. Latitude: 09 deg 10 m N; Longitude: 002 deg 35 m E. Tchaourou. Seed.

496480. ORS 1323. Benin. HAH 61. Latitude: 09 deg 10 m N; Longitude: 002 deg 35 m E. Tchaourou. Seed.

496481. ORS 1324. Benin. HAH 62. Latitude: 09 deg 20 m N; Longitude: 002 deg 35 m E. Parakou. Seed.

496482. ORS 1326. Benin. HAH 64 A. Latitude: 09 deg 30 m N; Longitude: 002 deg 40 m E. Boko. Seed.

496483. ORS 1327. Benin. HAH 64 B. Latitude: 09 deg 30 m N; Longitude: 002 deg 40 m E. Boko. Seed.

496484. ORS 1330. Benin. HAH 67 A. Latitude: 09 deg 30 m N; Longitude: 002 deg 40 m E. Boko. Seed.

496485. ORS 1331. Benin. HAH 67 B. Latitude: 09 deg 40 m N; Longitude: 002 deg 40 m E. Boko. Seed.

496486. ORS 1332. Benin. HAH 68. Latitude: 09 deg 40 m N; Longitude: 002 deg 40 m E. Tamarou. Seed.

496487. ORS 1333. Benin. HAH 69. Latitude: 09 deg 40 m N; Longitude: 002 deg 40 m E. Tamarou. Seed.

496488. ORS 1334. Benin. HAH 70. Latitude: 09 deg 40 m N; Longitude: 002 deg 40 m E. Tamarou. Seed.

496489. ORS 1335. Benin. HAH 71. Latitude: 09 deg 40 m N; Longitude: 002 deg 40 m E. Tamarou. Seed.

496490. ORS 1341. Benin. HAH 76. Latitude: 09 deg 50 m N; Longitude: 003 deg E. Biro. Seed.

496491. ORS 1343. Benin. HAH 78. Latitude: 09 deg 55 m N; Longitude: 002 deg 55 m E. Ina. Seed.

496492. ORS 1344. Benin. HAH 79. Latitude: 09 deg 55 m N; Longitude: 002 deg 55 m E. Ina. Seed.

496493. ORS 1345. Benin. HAH 80. Latitude: 10 deg 05 m N; Longitude: 002 deg 45 m E. Gando. Seed.

496494. ORS 1346. Benin. HAH 81. Latitude: 10 deg 05 m N; Longitude: 002 deg 45 m E. Wanrakerou. Seed.

496495. ORS 1347. Benin. HAH 82. Latitude: 10 deg 05 m N; Longitude: 002 deg 45 m E. Wanrakerou. Seed.

496496. ORS 1352. Benin. HAH 86. Latitude: 10 deg 35 m N; Longitude: 002 deg 50 m E. Wanrakerou. Seed.

496497. ORS 1355. Benin. HAH 89. Latitude: 10 deg 55 m N; Longitude: 002 deg 55 m E. Ouere. Seed.

496498. ORS 1358. Benin. HAH 92. Latitude: 10 deg 55 m N; Longitude: 002 deg 55 m E. Ouere. Seed.

496499. ORS 1361. Benin. HAH 95. Latitude: 11 deg N; Longitude: 002 deg 55 m E. Pade. Seed.

496500. ORS 1362. Benin. HAH 96. Latitude: 11 deg N; Longitude: 002 deg 55 m E. Pade. Seed.

496501. ORS 1366. Benin. HAH 100. Latitude: 11 deg N; Longitude: 003 deg 15 m E. Benzekou. Seed.

496502. ORS 1367. Benin. HAH 101. Latitude: 11 deg N; Longitude: 003 deg 15 m E. Benzekou. Seed.

496503. ORS 1368. Benin. HAH 102. Latitude: 11 deg N; Longitude: 003 deg 15 m E. Benzekou. Seed.

496504. ORS 1369. Benin. HAH 103 A. Latitude: 11 deg N; Longitude: 003 deg 15 m E. Benzekou. Seed.

496505. ORS 1370. Benin. HAH 103 B. Latitude: 11 deg N; Longitude: 003 deg 15 m E. Benzekou. Seed.

496506. ORS 1372. Benin. HAH 105. Latitude: 11 deg N; Longitude: 003 deg 15 m E. Benzekou. Seed.

496507. ORS 1373. Benin. HAH 106. Latitude: 11 deg N; Longitude: 003 deg 15 m E. Benzekou. Seed.

496508. ORS 1374. Benin. HAH 107. Latitude: 11 deg N; Longitude: 003 deg 15 m E. Benzekou. Seed.

496509. ORS 1375. Benin. HAH 108. Latitude: 11 deg N; Longitude: 003 deg 15 m E. Benzekou. Seed.

496510. ORS 1377. Benin. HAH 110. Latitude: 11 deg N; Longitude: 003 deg 15 m E. Benzekou. Seed.

496511. ORS 1381. Benin. HAH 114. Latitude: 11 deg N; Longitude: 003 deg 30 m E. Liboussou. Seed.

496512. ORS 1382. Benin. HAH 115. Latitude: 11 deg N; Longitude: 003 deg 30 m E. Liboussou. Seed.

496513. ORS 1383. Benin. HAH 116. Latitude: 11 deg N; Longitude:

003 deg 30 m E. Liboussou. Seed.

496514. ORS 1385. Benin. HAH 118. Latitude: 11 deg N; Longitude: 003 deg 30 m E. Liboussou. Seed.

496515. ORS 1386. Benin. HAH 119. Latitude: 11 deg N; Longitude: 003 deg 30 m E. Liboussou. Seed.

496516. ORS 1387. Benin. HAH 120. Latitude: 11 deg 20 m N; Longitude: 003 deg 10 m E. Angaradebou. Seed.

496517. ORS 1388. Benin. HAH 121 A. Latitude: 11 deg 20 m N; Longitude: 003 deg 10 m E. Angaradebou. Seed.

496518. ORS 1389. Benin. HAH 121 B. Latitude: 11 deg 20 m N; Longitude: 003 deg 10 m E. Angaradebou. Seed.

496519. ORS 1390. Benin. HAH 122. Latitude: 11 deg 20 m N; Longitude: 003 deg 10 m E. Angaradebou. Seed.

496520. ORS 1394. Benin. HAH 126 A. Latitude: 11 deg 30 m N; Longitude: 003 deg 10 m E. Guene. Seed.

496521. ORS 1396. Benin. HAH 127. Latitude: 11 deg 30 m N; Longitude: 003 deg 10 m E. Guene. Seed.

496522. ORS 1397. Benin. HAH 128. Latitude: 11 deg 30 m N; Longitude: 003 deg 10 m E. Guene. Seed.

496523. ORS 1399. Benin. HAH 129 B. Latitude: 11 deg 40 m N; Longitude: 003 deg 25 m E. Malanville. Seed.

496524. ORS 1401. Benin. HAH 131 A. Latitude: 11 deg 50 m N; Longitude: 003 deg E. Tomboutou. Seed.

496525. ORS 1402. Benin. HAH 131 B. Latitude: 11 deg 50 m N; Longitude: 003 deg E. Tomboutou. Seed.

496526. ORS 1403. Benin. HAH 132. Latitude: 11 deg 50 m N; Longitude: 003 deg E. Tomboutou. Seed.

496527. ORS 1404. Benin. HAH 133. Latitude: 11 deg 50 m N; Longitude: 003 deg E. Tomboutou. Seed.

496528. ORS 1405. Benin. HAH 134 A. Latitude: 11 deg 50 m N; Longitude: 003 deg E. Tomboutou. Seed.

496529. ORS 1406. Benin. HAH 134 B. Latitude: 11 deg 50 m N; Longitude: 003 deg E. Tomboutou. Seed.

496530. ORS 1407. Benin. HAH 134 C. Latitude: 11 deg 50 m N; Longitude: 003 deg E. Tomboutou. Seed.

496531. ORS 1409. Benin. HAH 136. Latitude: 11 deg 50 m N; Longitude: 003 deg E. Tomboutou. Seed.

496532. ORS 1410. Benin. HAH 137 A. Latitude: 11 deg 15 m N; Longitude: 002 deg 45 m E. Alibori. Seed.

496533. ORS 1411. Benin. HAH 137 B. Latitude: 11 deg 15 m N; Longitude: 002 deg 45 m E. Alibori. Seed.

496534. ORS 1412. Benin. HAH 138. Latitude: 11 deg 15 m N; Longitude: 002 deg 45 m E. Alibori. Seed.

496535. ORS 1416. Benin. HAH 142. Latitude: 11 deg 15 m N; Longitude: 002 deg 30 m E. Goumparou. Seed.

496536. ORS 1417. Benin. HAH 143. Latitude: 11 deg N; Longitude: 002 deg 10 m E. Gbangbanga. Seed.

496537. ORS 1418. Benin. HAH 144. Latitude: 11 deg N; Longitude: 002 deg 10 m E. Gbangbanga. Seed.

496538. ORS 1419. Benin. HAH 145. Latitude: 11 deg N; Longitude: 002 deg 10 m E. Gbangbanga. Seed.

496539. ORS 1420. Benin. HAH 146. Latitude: 11 deg N; Longitude: 002 deg 10 m E. Gbangbanga. Seed.

496540. ORS 1422. Benin. HAH 148. Latitude: 11 deg N; Longitude: 002 deg 10 m E. Gbangbanga. Seed.

496541. ORS 1426. Benin. HAH 151 B. Latitude: 10 deg 50 m N; Longitude: 002 deg 10 m E. Wore. Seed.

496542. ORS 1427. Benin. HAH 152. Latitude: 10 deg 50 m N; Longitude: 002 deg 10 m E. Wore. Seed.

496543. ORS 1428. Benin. HAH 153. Latitude: 10 deg 50 m N; Longitude: 002 deg 10 m E. Wore. Seed.

496544. ORS 1430. Benin. HAH 155. Latitude: 10 deg 35 m N; Longitude: 002 deg 05 m E. Kossouwera. Seed.

496545. ORS 1431. Benin. HAH 156. Latitude: 10 deg 20 m N; Longitude: 002 deg E. Gnemasson. Seed.

496546. ORS 1436. Benin. HAH 161. Latitude: 10 deg 10 m N; Longitude: 001 deg 40 m E. Mekrou. Seed.

496547. ORS 1440. Benin. HAH 164. Latitude: 10 deg 05 m N; Longitude: 001 deg 30 m E. Kotopounga. Seed.

496548. ORS 1442. Benin. HAH 166. Latitude: 10 deg 05 m N;

Longitude: 001 deg 30 m E. Kotopounga. Seed.

496549. ORS 1444. Benin. HAH 168. Latitude: 10 deg 15 m N; Longitude: 001 deg 15 m E. Kouaba. Seed.

496550. ORS 1448. Benin. HAH 172. Latitude: 10 deg 10 m N; Longitude: 001 deg 10 m E. Boukombe. Seed.

496551. ORS 1450. Benin. HAH 174. Latitude: 10 deg 10 m N; Longitude: 001 deg 10 m E. Boukombe. Seed.

496552. ORS 1452. Benin. HAH 176. Latitude: 10 deg 10 m N; Longitude: 001 deg 10 m E. Boukombe. Seed.

496553. ORS 1453. Benin. HAH 177. Latitude: 10 deg 30 m N; Longitude: 001 deg 25 m E. Kaba. Seed.

496554. ORS 1455. Benin. HAH 179. Latitude: 10 deg 30 m N; Longitude: 001 deg 25 m E. Kaba. Seed.

496555. ORS 1459. Benin. HAH 182. Latitude: 10 deg 30 m N; Longitude: 001 deg 10 m E. Biakou. Seed.

496556. ORS 1460. Benin. HAH 183. Latitude: 10 deg 30 m N; Longitude: 001 deg 10 m E. Biakou. Seed.

496557. ORS 1461. Benin. HAH 184. Latitude: 10 deg 30 m N; Longitude: 001 deg 10 m E. Biakou. Seed.

496558. ORS 1462. Benin. HAH 185. Latitude: 10 deg 30 m N; Longitude: 001 deg 10 m E. Biakou. Seed.

496559. ORS 1463. Benin. HAH 186. Latitude: 10 deg 30 m N; Longitude: 000 deg 55 m E. Touga. Seed.

496560. ORS 1464. Benin. HAH 187. Latitude: 10 deg 30 m N; Longitude: 000 deg 55 m E. Touga. Seed.

496561. ORS 1465. Benin. HAH 188. Latitude: 10 deg 30 m N; Longitude: 000 deg 55 m E. Touga. Seed.

496562. ORS 1466. Benin. HAH 189. Latitude: 10 deg 40 m N; Longitude: 001 deg 20 m E. Tangueta. Seed.

496563. ORS 1467. Benin. HAH 190. Latitude: 10 deg 40 m N; Longitude: 001 deg 20 m E. Tangueta. Seed.

496564. ORS 1468. Benin. HAH 191. Latitude: 10 deg 40 m N; Longitude: 001 deg 20 m E. Tangueta. Seed.

496565. ORS 1470. Benin. HAH 193. Latitude: 11 deg N; Longitude: 001 deg 05 m E. Dassari. Seed.

496566. ORS 1471. Benin. HAH 194. Latitude: 11 deg N; Longitude: 001 deg 05 m E. Dassari. Seed.

496567. ORS 1472. Benin. HAH 195. Latitude: 10 deg 05 m N; Longitude: 001 deg 30 m E. Perma. Seed.

496568. ORS 1473. Benin. HAH 196. Latitude: 10 deg 05 m N; Longitude: 001 deg 30 m E. Perma. Seed.

496569. ORS 1474. Benin. HAH 197. Latitude: 10 deg 05 m N; Longitude: 001 deg 30 m E. Perma. Seed.

496570. ORS 1476. Benin. HAH 199. Latitude: 10 deg 05 m N; Longitude: 001 deg 30 m E. Perma. Seed.

496571. ORS 1477. Benin. HAH 200. Latitude: 10 deg 05 m N; Longitude: 001 deg 30 m E. Perma. Seed.

496572. ORS 1478. Benin. HAH 201. Latitude: 09 deg 50 m N; Longitude: 001 deg 35 m E. Kataban. Seed.

496573. ORS 1479. Benin. HAH 202. Latitude: 09 deg 50 m N; Longitude: 001 deg 35 m E. Kataban. Seed.

496574. ORS 1481. Benin. HAH 204 A. Latitude: 09 deg 50 m N; Longitude: 001 deg 55 m E. Sosso. Seed.

496575. ORS 1482. Benin. HAH 204 B. Latitude: 09 deg 50 m N; Longitude: 001 deg 55 m E. Sosso. Seed.

496576. ORS 1485. Benin. HAH 207. Latitude: 09 deg 50 m N; Longitude: 001 deg 55 m E. Sosso. Seed.

496577. ORS 1487. Benin. HAH 209. Latitude: 09 deg 40 m N; Longitude: 002 deg E. Barienou. Seed.

496578. ORS 1488. Benin. HAH 210 A. Latitude: 09 deg 40 m N; Longitude: 002 deg E. Barienou. Seed.

496579. ORS 1492. Benin. HAH 212. Latitude: 09 deg 40 m N; Longitude: 002 deg E. Barienou. Seed.

496580. ORS 1494. Benin. HAH 213 B. Latitude: 90 deg 40 m N; Longitude: 002 deg E. Barienou. Seed.

496581. ORS 1496. Benin. HAH 215. Latitude: 09 deg 30 m N; Longitude: 002 deg E. Alfakouara. Seed.

496582. ORS 1498. Benin. HAH 217. Latitude: 09 deg 30 m N; Longitude: 002 deg E. Alfakouara. Seed.

496583. ORS 1502. Benin. HAH 221 A. Latitude: 09 deg 30 m N;

Longitude: 001 deg 40 m E. Pelebina. Seed.

496584. ORS 1503. Benin. HAH 221 B. Latitude: 09 deg 30 m N; Longitude: 001 deg 40 m E. Pelebina. Seed.

496585. ORS 1504. Benin. HAH 222. Latitude: 09 deg 30 m N; Longitude: 001 deg 40 m E. Pelebina. Seed.

496586. ORS 1506. Benin. HAH 223 B. Latitude: 09 deg 30 m N; Longitude: 001 deg 40 m E. Pelebina. Seed.

496587. ORS 1513. Benin. HAH 227. Latitude: 09 deg 10 m N; Longitude: 001 deg 40 m E. Penessoulou. Seed.

496588. ORS 1514. Benin. HAH 228. Latitude: 09 deg 10 m N; Longitude: 001 deg 40 m E. Penessoulou. Seed.

496589. ORS 1516. Benin. HAH 230. Latitude: 09 deg N; Longitude: 001 deg 40 m E. Bassila. Seed.

496590. ORS 1517. Benin. HAH 231. Latitude: 09 deg N; Longitude: 001 deg 40 m E. Bassila. Seed.

496591. ORS 1518. Benin. HAH 232. Latitude: 08 deg 40 m N; Longitude: 001 deg 40 m E. Biguina. Seed.

496592. ORS 1519. Benin. HAH 233 A. Latitude: 08 deg 40 m N; Longitude: 001 deg 40 m E. Biguina. Seed.

496593. ORS 1520. Benin. HAH 233 B. Latitude: 08 deg 40 m N; Longitude: 001 deg 40 m E. Biguina. Seed.

496594. ORS 1530. Benin. HAH 240. Latitude: 08 deg 30 m N; Longitude: 001 deg 45 m E. Pira. Seed.

496595. ORS 1531. Benin. HAH 241. Latitude: 08 deg 30 m N; Longitude: 001 deg 45 m E. Pira. Seed.

496596. ORS 1534. Benin. HAH 244. Latitude: 08 deg 20 m N; Longitude: 002 deg E. Agoua. Seed.

496597. ORS 1535. Benin. HAH 245. Latitude: 08 deg 20 m N; Longitude: 002 deg E. Agoua. Seed.

496598. ORS 1539. Benin. HAH 249. Latitude: 08 deg N; Longitude: 002 deg E. Mondji. Seed.

496599. ORS 1540. Benin. HAH 250. Latitude: 08 deg N; Longitude: 002 deg E. Mondji. Seed.

496600. ORS 1541. Benin. HAH 251. Latitude: 08 deg N; Longitude: 002 deg E. Mondji. Seed.

496601. ORS 1542. Benin. HAH 252. Latitude: 07 deg N; Longitude: 001 deg 45 m E. Lanta. Seed.

496602. ORS 1551. Benin. HAH 255 A. Latitude: 07 deg N; Longitude: 001 deg 45 m E. Lanta. Seed.

496603. ORS 1554. Benin. HAH 257 A. Latitude: 07 deg N; Longitude: 001 deg 45 m E. Lanta. Seed.

496604. ORS 1555. Benin. HAH 257 B. Latitude: 07 deg N; Longitude: 001 deg 45 m E. Lanta. Seed.

496605. ORS 1559. Benin. HAH 261. Latitude: 06 deg 50 m N; Longitude: 001 deg 40 m E. Kokohoue. Seed.

496606. ORS 1563. Benin. HAH 265. Latitude: 06 deg 20 m N; Longitude: 002 deg E. Ouidah. Seed.

496607. ORS 1918. Benin. HLA 11. Latitude: 06 deg 27 m N; Longitude: 001 deg 50 m E. Comoe Dist. Seed.

496608. ORS 1920. Benin. HLA 22. Latitude: 07 deg 12 m N; Longitude: 002 deg 28 m E. Klonakamme. Seed.

496609. ORS 1922. Benin. HLA 34. Latitude: 09 deg 37 m N; Longitude: 001 deg 47 m E. Parakou. Seed.

496610. ORS 2501. Benin. 83B 1302B. Latitude: 08 deg N; Longitude: 002 deg 30 m E. Gobe. Seed.

496611. ORS 2502. Benin. 83B 1307B. Latitude: 08 deg 10 m N; Longitude: 002 deg 40 m E. Wogui. Seed.

496612. ORS 2503. Benin. 83B 1317 A. Latitude: 09 deg N; Longitude: 002 deg 40 m E. Tchaourou. Seed.

496613. ORS 2509. Benin. 83B 1385 A. Latitude: 11 deg N; Longitude: 003 deg 30 m E. Liboussou. Seed.

496614. ORS 2527. Benin. 83B 1534 A. Latitude: 08 deg 20 m N; Longitude: 002 deg E. Agoua. Seed.

496615. ORS 1983. Ghana. HLA 332. Latitude: 09 deg 10 m N; Longitude: 002 deg 50 m W. Gbodaa. Seed.

496616. ORS 347. Ghana. Latitude: 09 deg 10 m N; Longitude: 002 deg 50 m W. Seed.

496617. ORS 1987. Ghana. HLA 340. Latitude: 09 deg 05 m N; Longitude: 001 deg 44 m W. Damango. Seed.

496618. ORS 2000. Ghana. HOD 369. Latitude: 10 deg 35 m N;

Longitude: 002 deg 50 m W. Babile. Seed.

496619. ORS 2107. Ghana. 398. Latitude: 07 deg 28 m N; Longitude: 002 deg 20 m W. Hiawavu. Seed.

496620. ORS 2109. Ghana. 406. Latitude: 05 deg 45 m N; Longitude: 001 deg 40 m W. Berebuso. Seed.

496621. ORS 1566. Guinea. K A 3. Latitude: 10 deg 30 m N; Longitude: 009 deg 45 m W. Kouroussa. Seed.

496622. ORS 1570. Guinea. K A 7. Latitude: 10 deg 20 m N; Longitude: 011 deg 30 m W. Koukourouba. Seed.

496623. ORS 1586. Guinea. K A 23. Latitude: 11 deg 20 m N; Longitude: 011 deg 20 m W. Oulenko. Seed.

496624. ORS 1588. Guinea. K A 25. Latitude: 11 deg 20 m N; Longitude: 011 deg 20 m W. Oulenko. Seed.

496625. ORS 2274. Guinea. CL 17. Latitude: 10 deg 25 m N; Longitude: 009 deg W. Bangalan. Seed.

496626. ORS 2277. Guinea. CL 19. Latitude: 10 deg 55 m N; Longitude: 009 deg W. Niandakoro. Seed.

496627. ORS 2287. Guinea. CL 513. Latitude: 10 deg 50 m N; Longitude: 009 deg 25 m W. Narassobo. Seed.

496628. ORS 2289. Guinea. CL 514 C. Latitude: 10 deg 30 m N; Longitude: 009 deg 40 m W. Irikiti. Seed.

496629. ORS 2291. Guinea. CL 517. Latitude: 10 deg 35 m N; Longitude: 009 deg 50 m W. Moussaya. Seed.

496630. ORS 2298. Guinea. CL 522. Latitude: 10 deg 35 m N; Longitude: 010 deg 35 m W. N'dema. Seed.

496631. ORS 2299. Guinea. CL 523. Latitude: 10 deg 35 m N; Longitude: 010 deg 35 m W. N'dema. Seed.

496632. ORS 2305. Guinea. CL 59. Latitude: 10 deg 35 m N; Longitude: 010 deg 10 m W. Kambaya. Seed.

496633. ORS 2312. Guinea. CL 80. Latitude: 10 deg 25 m N; Longitude: 012 deg W. Tolo. Seed.

496634. ORS 2318. Guinea. CL 532 A. Latitude: 10 deg 40 m N; Longitude: 011 deg 50 m W. Fougoumba. Seed.

496635. ORS 2320. Guinea. CL 533. Latitude: 11 deg N; Longitude: 011 deg 50 m W. Bendekoure. Seed.

496636. ORS 2326. Guinea. CL 537. Latitude: 11 deg 20 m N; Longitude: 011 deg 50 m W. Tarambali. Seed.

496637. ORS 2340. Guinea. CL 108. Latitude: 11 deg 40 m N; Longitude: 012 deg 10 m W. Kounkedou. Seed.

496638. ORS 2354. Guinea. CL 551 B. Latitude: 11 deg 35 m N; Longitude: 012 deg 25 m W. Dala. Seed.

496639. ORS 2359. Guinea. CL 166. Latitude: 12 deg 30 m N; Longitude: 013 deg 05 m W. Youkounkoun. Seed.

496640. ORS 2360. Guinea. CL 170. Latitude: 12 deg 30 m N; Longitude: 013 deg 05 m W. Loukerekewe. Seed.

496641. ORS 2363. Guinea. CL 197. Latitude: 11 deg 40 m N; Longitude: 013 deg 10 m W. Missara. Seed.

496642. ORS 2364. Guinea. CL 553. Latitude: 11 deg 40 m N; Longitude: 013 deg 20 m W. Koumbia. Seed.

496643. ORS 2367. Guinea. CL 554 A. Latitude: 11 deg 30 m N; Longitude: 013 deg 10 m W. Moto. Seed.

496644. ORS 2368. Guinea. CL 554 B. Latitude: 11 deg 30 m N; Longitude: 013 deg 10 m W. Moto. Seed.

496645. ORS 2370. Guinea. CL 555. Latitude: 11 deg 30 m N; Longitude: 013 deg 10 m W. Moto. Seed.

496646. ORS 2376. Guinea. CL 218 A. Latitude: 10 deg 50 m N; Longitude: 012 deg 55 m W. Neteri. Seed.

496647. ORS 2377. Guinea. CL 218 B. Latitude: 10 deg 50 m N; Longitude: 012 deg 55 m W. Neteri. Seed.

496648. ORS 2378. Guinea. CL 560. Latitude: 10 deg 35 m N; Longitude: 012 deg 55 m W. Sitaya. Seed.

496649. ORS 2383. Guinea. CL 566. Latitude: 10 deg 10 m N; Longitude: 012 deg 05 m W. Konkoure. Seed.

496650. ORS 2390. Guinea. CL 572. Latitude: 10 deg N; Longitude: 011 deg 10 m W. Soleya. Seed.

496651. ORS 2398. Guinea. CL 275. Latitude: 09 deg 30 m N; Longitude: 010 deg 40 m W. Nianfurando. Seed.

496652. ORS 2400. Guinea. CL 277 A. Latitude: 09 deg 30 m N; Longitude: 010 deg 40 m W. Nianfurando. Seed.

496653. ORS 2402. Guinea. CL 278 A. Latitude: 09 deg 15 m N;

Longitude: 010 deg 05 m W. Sangardo. Seed.

496654. ORS 2407. Guinea. CL 273. Latitude: 09 deg 25 m N; Longitude: 009 deg 40 m W. Toukounou. Seed.

496655. ORS 2409. Guinea. CL 580 A. Latitude: 09 deg 35 m N; Longitude: 009 deg 30 m W. Moribaya. Seed.

496656. ORS 2410. Guinea. CL 580 B. Latitude: 09 deg 35 m N; Longitude: 009 deg 30 m W. Moribaya. Seed.

496657. ORS 2414. Guinea. CL 346. Latitude: 09 deg 50 m N; Longitude: 008 deg 55 m W. Farabana. Seed.

496658. ORS 2418. Guinea. CL 312. Latitude: 09 deg N; Longitude: 008 deg 50 m W. Konsankoro. Seed.

496659. ORS 2420. Guinea. CL 579 A. Latitude: 09 deg 15 m N; Longitude: 010 deg 05 m W. Sangardo. Seed.

496660. ORS 2423. Guinea. CL 357. Latitude: 10 deg 15 m N; Longitude: 008 deg 55 m W. Kote. Seed.

496661. ORS 2426. Guinea. CL 4 A. Latitude: 10 deg 05 m N; Longitude: 008 deg 10 m W. Kankan. Seed.

496662. ORS 2429. Guinea. CL 335 A. Latitude: 09 deg 40 m N; Longitude: 010 deg 55 m W. Kankan. Seed.

496663. ORS 2430. Guinea. CL 335 B. Latitude: 09 deg 40 m N; Longitude: 010 deg 55 m W. Kankan. Seed.

496664. ORS 2435. Ivory Coast. 83 B 286 A. Latitude: 05 deg 30 m N; Longitude: 004 deg 35 m W. Becedi. Seed.

496665. ORS 1865. Mali. NBP 2. Kuti Logo. Seed.

496666. ORS 1867. Mali. NBP 10. Djanke. Seed.

496667. ORS 1869. Mali. NBP 16. Sompi. Seed.

496668. ORS 1872. Mali. NBP 24. Latitude: 18 deg 10 m N; Longitude: 003 deg 55 m W. Tin Tara. Seed.

496669. ORS 1873. Mali. NBP 27. Latitude: 16 deg 11 m N; Longitude: 004 deg 48 m W. Ginde Ata. Seed.

496670. ORS 1874. Mali. NBP 48. Latitude: 16 deg 31 m N; Longitude: 003 deg 44 m W. Bougoumeyra. Seed.

496671. ORS 1881. Mali. NBP 100. Latitude: 15 deg 52 m N; Longitude: 003 deg 07 m W. Sondougou. Seed.

496672. ORS 1882. Mali. NBP 101. Taifo. Seed.

496673. ORS 1883. Mali. NBP 104. Latitude: 15 deg 48 m N; Longitude: 003 deg 03 m W. Guelevel. Seed.

496674. ORS 1885. Mali. NBP 107. Seed.

496675. ORS 2246. Nigeria. TB 1 4. Latitude: 08 deg 30 m N; Longitude: 004 deg 26 m E. Seed.

496676. ORS 2248. Nigeria. TB 1. Latitude: 08 deg 30 m N; Longitude: 004 deg 26 m E. Seed.

496677. ORS 2250. Nigeria. TB 1 222. Latitude: 08 deg 30 m N; Longitude: 004 deg 26 m E. Seed.

496678. ORS 2251. Nigeria. TB1 231. Latitude: 08 deg 30 m N; Longitude: 004 deg 26 m E. Seed.

496679. ORS 2252. Nigeria. TB1 772. Latitude: 08 deg 16 m N; Longitude: 004 deg 50 m E. Seed.

496680. ORS 2253. Nigeria. TB1 789. Latitude: 08 deg 50 m N; Longitude: 005 deg 33 m E. Seed.

496681. ORS 2254. Nigeria. TB2 1692. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Seed.

496682. ORS 2255. Nigeria. TB2 1697. Latitude: 05 deg 13 m N; Longitude: 007 deg 43 m E. Seed.

496683. ORS 2256. Nigeria. TB2 1699. Latitude: 06 deg 39 m N; Longitude: 007 deg 27 m E. Seed.

496684. ORS 2259. Nigeria. TB2 1722. Seed.

496685. ORS 2260. Nigeria. NHA 33. Seed.

496686. ORS 2261. Nigeria. NHA 77. Seed.

496687. ORS 2262. Nigeria. NHA 89. Seed.

496688. ORS 2263. Nigeria. NHA 110. Seed.

496689. ORS 2264. Nigeria. NHA 207. Seed.

496690. ORS 2265. Nigeria. NHA 255. Seed.

496691. ORS 2267. Nigeria. NHA 373. Seed.

496692. ORS 2268. Nigeria. NHA 402. Seed.

496693. ORS 2269. Nigeria. NHA 416. Seed.

496694. ORS 2270. Nigeria. NHA 607. Seed.

496695. ORS 2133. Philippines. Langunda. Seed.

496696. ORS 2134. Sudan. HSD 11. Latitude: 13 deg 50 m N; Longitude: 033 deg 35 m E. Hagabdulla. Seed.

496697. ORS 2135. Sudan. HSD 33. Latitude: 13 deg 20 m N; Longitude: 035 deg 45 m E. Wadtaktuk. Seed.

496698. ORS 2137. Sudan. HSD 55. Latitude: 13 deg 30 m N; Longitude: 033 deg 35 m E. Sennar. Seed.

496699. ORS 2138. Sudan. HSD 56. Latitude: 13 deg 30 m N; Longitude: 033 deg 35 m E. Sennar. Seed.

496700. ORS 2139. Sudan. HSD 88. Latitude: 13 deg N; Longitude: 032 deg 30 m E. Sennar. Seed.

496701. ORS 2140. Sudan. HSD 89. Latitude: 13 deg N; Longitude: 032 deg 30 m E. Sennar. Seed.

496702. ORS 2141. Sudan. HSD 112. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496703. ORS 2142. Sudan. HSD 113. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496704. ORS 2143. Sudan. HSD 118. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496705. ORS 2144. Sudan. HSD 122. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496706. ORS 2145. Sudan. HSD 123. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496707. ORS 2146. Sudan. HSD 124. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496708. ORS 2147. Sudan. HSD 126. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496709. ORS 2148. Sudan. HSD 127. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496710. ORS 2149. Sudan. HSD 130. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496711. ORS 2150. Sudan. HSD 131. Latitude: 14 deg 10 m N;

Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496712. ORS 2151. Sudan. HSD 132. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496713. ORS 2152. Sudan. HSD 133. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496714. ORS 2153. Sudan. HSD 134. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496715. ORS 2154. Sudan. HSD 135. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496716. ORS 2155. Sudan. HSD 136. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496717. ORS 2156. Sudan. HSD 140. Latitude: 14 deg 13 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496718. ORS 2157. Sudan. HSD 141. Latitude: 14 deg 13 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496719. ORS 2158. Sudan. HSD 143. Latitude: 14 deg 13 m N; Longitude: 033 deg 45 m E. V.10 Elfau. Seed.

496720. ORS 2159. Sudan. HSD 146. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496721. ORS 2160. Sudan. HSD 147. Latitude: 14 deg 10 m N; Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496722. ORS 2161. Sudan. HSD 172. Latitude: 15 deg 15 m N; Longitude: 033 deg 40 m E. Nen Halfa. Seed.

496723. ORS 2162. Sudan. HSD 173. Latitude: 15 deg 15 m N; Longitude: 035 deg 40 m E. Nen Halfa. Seed.

496724. ORS 2163. Sudan. HSD 186. Latitude: 15 deg 12 m N; Longitude: 035 deg 42 m E. V.13/8 Km SD. Seed.

496725. ORS 2164. Sudan. HSD 192. Latitude: 15 deg 10 m N; Longitude: 035 deg 45 m E. V.17/13Km SD. Seed.

496726. ORS 2165. Sudan. HSD 210. Latitude: 15 deg 28 m N; Longitude: 036 deg 22 m E. Kassala. Seed.

496727. ORS 2166. Sudan. HSD 211. Latitude: 15 deg 28 m N; Longitude: 036 deg 22 m E. Kassala. Seed.

496728. ORS 2167. Sudan. HSD 225. Latitude: 15 deg 28 m N; Longitude: 036 deg 22 m E. Kassala. Seed.

496729. ORS 2168. Sudan. HSD 234. Latitude: 15 deg 28 m N;
Longitude: 036 deg 22 m E. Kassala. Seed.

496730. ORS 2557. Sudan. 83B 2155 C. Latitude: 14 deg 10 m N;
Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496731. ORS 2559. Sudan. 83B 2159 C. Latitude: 14 deg 10 m N;
Longitude: 033 deg 50 m E. V.10 Elfau. Seed.

496732. ORS 2562. Sudan. 83B 2162 C. Latitude: 15 deg 15 m N;
Longitude: 035 deg 40 m E. New Halfa. Seed.

496733. ORS 2563. Sudan. 83B 2164 A. Latitude: 15 deg 10 m N;
Longitude: 035 deg 45 m E. V.17/13 Km SD. Seed.

496734. ORS 842. Togo. HCS 3. Latitude: 06 deg 20 m N;
Longitude: 001 deg 20 m E. Agoueve. Seed.

496735. ORS 844. Togo. HCS 5. Latitude: 06 deg 20 m N;
Longitude: 001 deg 20 m E. Agoueve. Seed.

496736. ORS 862. Togo. HCS 15. Latitude: 06 deg 45 m N;
Longitude: 001 deg 25 m E. Kouve. Seed.

496737. ORS 870. Togo. HCS 21. Latitude: 06 deg 30 m N;
Longitude: 001 deg 10 m E. Alokougbe. Seed.

496738. ORS 874. Togo. HCS 25. Latitude: 06 deg 30 m N;
Longitude: 001 deg 10 m E. Tsevie. Seed.

496739. OPS 880. Togo. HCS 29. Latitude: 06 deg 45 m N;
Longitude: 001 deg 15 m E. Attiho. Seed.

496740. OPS 889. Togo. HCS 39 E. Latitude: 06 deg 55 m N;
Longitude: 001 deg 15 m E. Atchave. Seed.

496741. ORS 894. Togo. HCS 39 J. Latitude: 06 deg 55 m N;
Longitude: 001 deg 15 m E. Atchave. Seed.

496742. ORS 907. Togo. HCS 43 D. Latitude: 07 deg 20 m N;
Longitude: 001 deg 15 m E. Wahala. Seed.

496743. ORS 915. Togo. HCS 51. Latitude: 07 deg N; Longitude:
001 deg 20 m E. Tsagba. Seed.

496744. ORS 924. Togo. HCS 60. Latitude: 07 deg 10 m N;
Longitude: 001 deg 30 m E. Tohoun. Seed.

496745. ORS 926. Togo. HCS 62. Latitude: 07 deg 10 m N;
Longitude: 001 deg 30 m E. Lommey. Seed.

496746. ORS 929. Togo. HCS 65. Latitude: 07 deg 20 m N;

Longitude: 001 deg 30 m E. Pekpleme. Seed.

496747. ORS 934. Togo. HCS 70. Latitude: 07 deg 20 m N; Longitude: 001 deg 30 m E. Pekpleme. Seed.

496748. ORS 935. Togo. HCS 71. Latitude: 07 deg 20 m N; Longitude: 001 deg 30 m E. Pekpleme. Seed.

496749. ORS 939. Togo. HCS 75. Latitude: 07 deg 30 m N; Longitude: 001 deg 30 m E. Ahomma. Seed.

496750. ORS 942. Togo. HCS 77. Latitude: 07 deg 40 m N; Longitude: 001 deg 25 m E. Glito. Seed.

496751. ORS 945. Togo. HCS 80. Latitude: 07 deg 40 m N; Longitude: 001 deg 25 m E. Glito. Seed.

496752. ORS 946. Togo. HCS 81. Latitude: 07 deg 40 m N; Longitude: 001 deg 20 m E. Atkinedji. Seed.

496753. ORS 947. Togo. HCS 82 A. Latitude: 07 deg 40 m N; Longitude: 001 deg 20 m E. Atkinedji. Seed.

496754. ORS 948. Togo. HCS 82 B. Latitude: 07 deg 40 m N; Longitude: 001 deg 20 m E. Atkinedji. Seed.

496755. ORS 958. Togo. HCS 92. Latitude: 07 deg 55 m N; Longitude: 001 deg 15 m E. Kpehoun. Seed.

496756. ORS 961. Togo. HCS 95. Latitude: 08 deg 05 m N; Longitude: 001 deg 10 m E. Akapo-Kope. Seed.

496757. ORS 962. Togo. HCS 96. Latitude: 08 deg 05 m N; Longitude: 001 deg 10 m E. Akapo-Kope. Seed.

496758. ORS 967. Togo. HCS 101. Latitude: 08 deg N; Longitude: 001 deg 05 m E. Akaba. Seed.

496759. ORS 970. Togo. HCS 103 B. Latitude: 08 deg N; Longitude: 001 deg 05 m E. Akaba. Seed.

496760. ORS 973. Togo. HCS 106. Latitude: 08 deg 05 m N; Longitude: 001 deg 10 m E. Niamassila. Seed.

496761. ORS 976. Togo. HCS 108 B. Latitude: 08 deg 10 m N; Longitude: 000 deg 40 m E. Pagala. Seed.

496762. ORS 977. Togo. HCS 109. Latitude: 08 deg 10 m N; Longitude: 000 deg 40 m E. Pagala. Seed.

496763. ORS 984. Togo. HCS 115 B. Latitude: 08 deg 30 m N; Longitude: 001 deg 10 m E. Sessaro. Seed.

496764. ORS 996. Togo. HCS 124. Latitude: 08 deg 40 m N; Longitude: 000 deg 50 m E. Melanboua. Seed.

496765. ORS 998. Togo. HCS 125 B. Latitude: 08 deg 40 m N. Melanboua. Seed.

496766. ORS 1003. Togo. HCS 130. Latitude: 08 deg 35 m N; Longitude: 001 deg E. Agbele. Seed.

496767. ORS 1010. Togo. HCS 136. Latitude: 08 deg 40 m N; Longitude: 001 deg 05 m E. Nima. Seed.

496768. ORS 1012. Togo. HCS 138. Latitude: 08 deg 40 m N; Longitude: 001 deg 05 m E. Nima. Seed.

496769. ORS 1013. Togo. HCS 139. Latitude: 08 deg 40 m N; Longitude: 001 deg 05 m E. Nima. Seed.

496770. ORS 1017. Togo. HCS 142. Latitude: 09 deg 05 m N; Longitude: 001 deg 25 m E. Sabarangbade. Seed.

496771. ORS 1019. Togo. HCS 144. Latitude: 09 deg 05 m N; Longitude: 001 deg 25 m E. Sabarangbade. Seed.

496772. ORS 1022. Togo. HCS 146 A. Latitude: 08 deg 50 m N; Longitude: 001 deg 30 m E. Koulomi. Seed.

496773. ORS 1023. Togo. HCS 146 B. Latitude: 08 deg 50 m N; Longitude: 001 deg 30 m E. Koulomi. Seed.

496774. ORS 1027. Togo. HCS 150. Latitude: 08 deg 40 m N; Longitude: 001 deg 30 m E. Kamboli. Seed.

496775. ORS 1030. Togo. HCS 153. Latitude: 09 deg 10 m N. Tabalo 2. Seed.

496776. ORS 1031. Togo. HCS 154. Latitude: 09 deg 10 m N. Tabalo 2. Seed.

496777. ORS 1033. Togo. HCS 156. Latitude: 09 deg 20 m N; Longitude: 000 deg 40 m E. Bougabou. Seed.

496778. ORS 1034. Togo. HCS 157. Latitude: 09 deg 20 m N; Longitude: 000 deg 40 m E. Bougabou. Seed.

496779. ORS 1035. Togo. HCS 158. Latitude: 09 deg 20 m N; Longitude: 000 deg 40 m E. Bougabou. Seed.

496780. ORS 1037. Togo. HCS 160. Latitude: 09 deg 20 m N; Longitude: 000 deg 40 m E. 20. Bougabou. Seed.

496781. ORS 1040. Togo. HCS 163. Latitude: 09 deg 20 m N;

Longitude: 000 deg 20 m E. Bassar. Seed.

496782. ORS 1041. Togo. HCL 164. Latitude: 09 deg 20 m N; Longitude: 000 deg 15 m E. Bidjabe. Seed.

496783. ORS 1042. Togo. HCS 165. Latitude: 09 deg 20 m N; Longitude: 000 deg 15 m E. Bidjabe. Seed.

496784. ORS 1043. Togo. HCS 166. Latitude: 09 deg 20 m N; Longitude: 000 deg 15 m E. Bidjabe. Seed.

496785. ORS 1045. Togo. HCS 168. Latitude: 09 deg 20 m N; Longitude: 000 deg 15 m E. Bidjabe. Seed.

496786. ORS 1047. Togo, HCS 170. Latitude: 09 deg 20 m N; Longitude: 000 deg 15 m E. Bidjabe. Seed.

496787. ORS 1050. Togo. HCS 173. Latitude: 09 deg 30 m N; Longitude: 000 deg 15 m E. Bandjeli. Seed.

496788. ORS 1051. Togo. HCS 174. Latitude: 09 deg 30 m N; Longitude: 000 deg 15 m E. Bandjeli. Seed.

496789. ORS 1053. Togo. HCS 176. Latitude: 09 deg 40 m N; Longitude: 000 deg 20 m E. Gueri Nkouka. Seed.

496790. ORS 1054. Togo. HCS 177. Latitude: 09 deg 40 m N; Longitude: 000 deg 20 m E. Naware. Seed.

496791. ORS 1059. Togo. HCS 182. Latitude: 09 deg 40 m N; Longitude: 000 deg 20 m E. 40. Naware. Seed.

496792. ORS 1061. Togo. HCS 183 B. Latitude: 09 deg 30 m N; Longitude: 000 deg 40 m E. Kabanda. Seed.

496793. ORS 1063. Togo. HCS 184. Latitude: 09 deg 30 m N; Longitude: 000 deg 55 m E. Djamde. Seed.

496794. ORS 1067. Togo. HCS 186. Latitude: 09 deg 30 m N; Longitude: 000 deg 55 m E. Djamde. Seed.

496795. ORS 1070. Togo. HCS 189. Latitude: 09 deg 45 m N; Longitude: 001 deg 25 m E. Soumdina. Seed.

496796. ORS 1071. Togo. HCS 190. Latitude: 09 deg 45 m N; Longitude: 001 deg 25 m E. Soumdina. Seed.

496797. ORS 1072. Togo. HCS 191. Latitude: 09 deg 45 m N; Longitude: 001 deg 25 m E. Soumdina. Seed.

496798. ORS 1074. Togo. HCS 193. Latitude: 09 deg 45 m N; Longitude: 001 deg 25 m E. Soumdina. Seed.

496799. ORS 1091. Togo. HCS 201. Latitude: 10 deg N; Longitude: 001 deg E. Baga. Seed.

496800. ORS 1094. Togo. HCS 203 B. Latitude: 10 deg 05 m N; Longitude: 001 deg 05 m E. Wartema. Seed.

496801. ORS 1097. Togo. HCS 206 A. Latitude: 10 deg 05 m N; Longitude: 001 deg 05 m E. Wartema. Seed.

496802. ORS 1101. Togo. HCS 207. Latitude: 10 deg 05 m N; Longitude: 001 deg 05 m E. Wartema. Seed.

496803. ORS 1103. Togo. HCS 208 B. Latitude: 10 deg 10 m N; Longitude: 000 deg 40 m E. Naboulgou. Seed.

496804. ORS 1104. Togo. HCS 209. Latitude: 10 deg 25 m N; Longitude:. Mango. Seed.

496805. ORS 1110. Togo. HCS 211 A. Latitude: 10 deg 30 m N; Longitude:. Mango. Seed.

496806. ORS 1116. Togo. HCS 213. Latitude: 10 deg 55 m N; Longitude:. Tchanaga. Seed.

496807. ORS 1117. Togo. HCS 214. Latitude: 10 deg 55 m N; Longitude:. Tchanaga. Seed.

496808. ORS 1124. Togo. HCS 218 A. Latitude: 10 deg 55 m N; Longitude:. Nagbeni. Seed.

496809. ORS 1125. Togo. HCS 218 B. Latitude: 10 deg 55 m N; Longitude:. Nagbeni. Seed.

496810. ORS 1130. Togo. HCS 221. Latitude: 10 deg 55 m N; Longitude:. Nagbeni. Seed.

496811. ORS 1132. Togo. HCS 222 B. Latitude: 10 deg 40 m N; Longitude:. Borgou. Seed.

496812. ORS 1133. Togo. HCS 222 C. Latitude: 10 deg 40 m N; Longitude:. Borgou. Seed.

496813. ORS 1134. Togo. HCS 223 A. Latitude: 10 deg 40 m N; Longitude:. Borgou. Seed.

496814. ORS 1135. Togo. HCS 223 B. Latitude: 10 deg 40 m N; Longitude:. Borgou. Seed.

496815. ORS 1138. Togo. HCS 225 A. Latitude: 10 deg 40 m N; Longitude:. Pana. Seed.

496816. ORS 1139. Togo. HCS 225 B. Latitude: 10 deg 40 m N;

Longitude:. Pana. Seed.

496817. ORS 1146. Togo. HCS 230 A. Latitude: 10 deg 40 m N; Longitude:. Pana. Seed.

496818. ORS 1147. Togo. HCS 230 B. Latitude: 10 deg 40 m N; Longitude:. Dalwak. Seed.

496819. ORS 1148. Togo. HCS 231. Latitude: 10 deg 40 m N; Longitude:. Dalwak. Seed.

496820. ORS 1149. Togo. HCS 232. Latitude: 10 deg 40 m N; Longitude:. Dalwak. Seed.

496821. ORS 1150. Togo. HCS 233 A. Latitude: 11 deg N; Longitude:. Nadjouni. Seed.

496822. ORS 1151. Togo. HCS 233 B. Latitude: 11 deg N; Longitude:. Nadjouni. Seed.

496823. ORS 1153. Togo. HCS 234 B. Latitude: 11 deg N; Longitude:. Nadjouni. Seed.

496824. ORS 1154. Togo. HCS 234 C. Latitude: 11 deg N; Longitude:. Nadjouni. Seed.

496825. ORS 1155. Togo. HCS 234 D. Latitude: 11 deg N; Longitude:. Nadjouni. Seed.

496826. ORS 1156. Togo. HCS 234 E. Latitude: 11 deg N; Longitude:. Nadjouni. Seed.

496827. ORS 1157. Togo. HCS 235. Latitude: 11 deg N; Longitude:. Nadjouni. Seed.

496828. ORS 1160. Togo. HCS 237 B. Latitude: 10 deg 50 m N; Longitude:. Nakitindi. Seed.

496829. ORS 1161. Togo. HCS 237 C. Latitude: 10 deg 50 m N; Longitude:. Nakitindi. Seed.

496830. ORS 1162. Togo. HCS 237 D. Latitude: 10 deg 50 m N; Longitude:. Nakitindi. Seed.

496831. ORS 1166. Togo. HCS 239 A. Latitude: 10 deg 50 m N; Longitude:. Nakitindi. Seed.

496832. ORS 1167. Togo. HCS 239 B. Latitude: 10 deg 50 m N; Longitude:. Nakitindi. Seed.

496833. ORS 1168. Togo. HCS 240 A. Latitude: 10 deg 30 m N; Longitude:. Bogou. Seed.

496834. ORS 1172. Togo. HCS 242 B. Latitude: 10 deg 30 m N; Longitude:. Bogou. Seed.

496835. ORS 1176. Togo. HCS 244. Latitude: 09 deg 50 m N; Longitude: 001 deg 05 m E. Koumea. Seed.

496836. ORS 1179. Togo. HCS 245 C. Latitude: 09 deg 50 m N; Longitude: 001 deg 05 m E. Koumea. Seed.

496837. ORS 1181. Togo. HCS 247. Latitude: 09 deg 20 m N; Longitude: 001 deg 05 m E. Amaide. Seed.

496838. ORS 1182. Togo. HCS 248. Latitude: 09 deg 20 m N; Longitude: 001 deg 05 m E. Amaide. Seed.

496839. ORS 1190. Togo. HCS 253 B. Latitude: 08 deg 20 m N; Longitude: 001 deg 10 m E. Kazaboua. Seed.

496840. ORS 1191. Togo. HCS 253 C. Latitude: 08 deg 20 m N; Longitude: 001 deg 10 m E. Kazaboua. Seed.

496841. ORS 1198. Togo. HCS 258. Latitude: 07 deg 35 m N; Longitude: 001 deg 05 m E. Atakpame. Seed.

496842. ORS 1202. Togo. HCS 262. Latitude: 07 deg 40 m N; Longitude: 000 deg 55 m E. Ounabe. Seed.

496843. ORS 1212. Togo. HCS 268 C. Latitude: 07 deg 30 m N; Longitude: 000 deg 20 m E. Tomegbe. Seed.

496844. ORS 1227. Togo. HCS 274 A. Latitude: 07 deg 25 m N; Longitude: 000 deg 40 m E. Aveho. Seed.

496845. ORS 1228. Togo. HCS 274 B. Latitude: 07 deg 25 m N; Longitude: 000 deg 40 m E. Aveho. Seed.

496846. ORS 1229. Togo. HCS 274 C. Latitude: 07 deg 25 m N; Longitude: 000 deg 40 m E. Aveho. Seed.

496847. ORS 1230. Togo. HCS 274 D. Latitude: 07 deg 25 m N; Longitude: 000 deg 40 m E. Aveho. Seed.

496848. ORS 1239. Togo. HCS 277 B. Latitude: 07 deg 10 m N; Longitude: 000 deg 25 m E. Atigba. Seed.

496849. ORS 1241. Togo. HCS 279 A. Latitude: 06 deg 50 m N; Longitude: 000 deg 40 m E. Glekope. Seed.

496850. ORS 1243. Togo. HCS 279 C. Latitude: 06 deg 50 m N; Longitude: 000 deg 40 m E. Glekope. Seed.

496851. ORS 1245. Togo. HCS 280 A. Latitude: 06 deg 40 m N;

Longitude: 000 deg 50 m E. Amoussou. Seed.

496852. ORS 1246. Togo. HCS 280 B. Latitude: 06 deg 40 m N; Longitude: 000 deg 50 m E. Amoussou. Seed.

496853. ORS 1247. Togo. HCS 280 C. Latitude: 06 deg 40 m N; Longitude: 000 deg 50 m E. Amoussou. Seed.

496854. ORS 1248. Togo. HCS 282. Latitude: 06 deg 30 m N; Longitude: 000 deg 55 m E. Tovegan. Seed.

496855. ORS 1249. Togo. HCS 283. Latitude: 06 deg 30 m N; Longitude: 000 deg 55 m E. Tovegan. Seed.

496856. ORS 1926. Togo. HLA 56. Latitude: 10 deg 50 m N; Longitude: 000 deg 12 m E. Dapaona. Seed.

496857. ORS 1936. Togo. HLA 89. Latitude: 09 deg 39 m N; Longitude: 001 deg 18 m E. Ketao. Seed.

496858. ORS 1942. Togo. HLA 141. Latitude: 06 deg 59 m N; Longitude: 001 deg 10 m E. Kpedome. Seed.

496859. ORS 1951. Togo. HLA 202. Latitude: 06 deg 29 m N; Longitude: 001 deg 38 m E. Fanyagan. Seed.

496860. ORS 2465. Togo. 83B 1030 B. Latitude: 09 deg 10 m N. Tabalo 2. Seed.

496861. ORS 2493. Togo. 83B 1230A. Latitude: 07 deg 25 m N; Longitude: 000 deg 40 m E. Aveho. Seed.

496862. ORS 2529. Togo. 83B 1559 B. Latitude: 06 deg 50 m N; Longitude: 001 deg 40 m E. Kokohoue. Seed.

496863. ORS 1159. Seed.

496864. ORS 1658. Seed.

496865. ORS 2434. 83B 209 B. Seed.

496866. ORS 764. Burkina Faso. 9. Latitude: 14 deg 10 m N; Longitude:. Sikine. Seed.

496867. ORS 765. Burkina Faso. 16. Latitude: 13 deg 30 m N; Longitude: 001 deg 05 m E. D'Dialle. Seed.

496868. ORS 766. Burkina Faso. 19. Latitude: 13 deg 20 m N; Longitude:. Sambagou. Seed.

496869. ORS 767. Burkina Faso. 21. Latitude: 13 deg 30 m N; Longitude:. Napaii. Seed.

496870. ORS 769. Burkina Faso. 29. Latitude: 14 deg 30 m N; Longitude:. Bassabarabe. Seed.

496871. ORS 771. Burkina Faso. 35. Latitude: 14 deg 10 m N; Longitude:. Dar-er-Saalam. Seed.

496872. ORS 772. Burkina Faso. 37. Latitude: 14 deg 10 m N; Longitude: 001 deg 50 m W. Daraboule. Seed.

496873. ORS 773. Burkina Faso. 40. Latitude: 14 deg N; Longitude: 002 deg 10 m W. Tibo. Seed.

496874. ORS 774. Burkina Faso. 43. Latitude: 14 deg 10 m N; Longitude: 002 deg 40 m W. Ban. Seed.

496875. ORS 775. Burkina Faso. 46. Latitude: 14 deg N; Longitude: 001 deg 40 m W. Bobe Mangao. Seed.

496876. ORS 780. Burkina Faso. 56. Latitude: 13 deg N; Longitude: 001 deg 10 m W. Mane. Seed.

496877. ORS 781. Burkina Faso. 57. Latitude: 13 deg N; Longitude: 001 deg 10 m W. Boudtenga. Seed.

496878. ORS 782. Burkina Faso. 63. Latitude: 12 deg 50 m N; Longitude:. Boulea. 50m. Seed.

496879. ORS 783. Burkina Faso. 65. Latitude: 12 deg 50 m N; Longitude:. Dargo. Seed.

496880. ORS 784. Burkina Faso. 67. Latitude: 12 deg 25 m N; Longitude:. Dargo. 25m. Seed.

496881. ORS 785. Burkina Faso. 69. Latitude: 12 deg 20 m N; Longitude:. Nahougou. Seed.

496882. ORS 786. Burkina Faso. 73. Latitude: 11 deg 50 m N; Longitude: 002 deg E. Tapao. Seed.

496883. ORS 787. Burkina Faso. 75. Latitude: 11 deg 50 m N; Longitude: 002 deg E. Tapao. Seed.

496884. ORS 788. Burkina Faso. 79. Latitude: 11 deg 15 m N; Longitude: 001 deg E. Pama. Seed.

496885. ORS 789. Burkina Faso. 82. Latitude: 11 deg 20 m N. Sanga. Seed.

496886. ORS 790. Burkina Faso. 85. Latitude: 11 deg 35 m N. Ouargaya. Seed.

496887. ORS 791. Burkina Faso. 88. Latitude: 11 deg 40 m N.

Boussouma. Seed.

496888. ORS 793. Burkina Faso. 91. Latitude: 11 deg 50 m N;
Longitude: 001 deg W. Manga. Seed.

496889. ORS 794. Burkina Faso. 98. Latitude: 11 deg 10 m N;
Longitude: 001 deg W. Banou. Seed.

496890. ORS 795. Burkina Faso. 106. Latitude: 11 deg 10 m N;
Longitude: 001 deg 20 m W. Gadourou. Seed.

496891. ORS 796. Burkina Faso. 104. Latitude: 11 deg 10 m N;
Longitude: 001 deg 40 m W. Koumbo. Seed.

496892. ORS 797. Burkina Faso. 119. Latitude: 11 deg 40 m N;
Longitude: 002 deg 55 m W. Biba. Seed.

496893. ORS 798. Burkina Faso. 125. Latitude: 13 deg N;
Longitude: 004 deg 10 m W. Bonboroku. Seed.

496894. ORS 799. Burkina Faso. 129. Latitude: 12 deg 30 m N;
Longitude: 003 deg 50 m W. Founa. Seed.

496895. ORS 800. Burkina Faso. 120. Latitude: 12 deg 40 m N;
Longitude: 003 deg 20 m W. Kouchiga. Seed.

496896. ORS 801. Burkina Faso. 130. Latitude: 12 deg 35 m N;
Longitude: 003 deg 45 m W. Badale. Seed.

496897. ORS 802. Burkina Faso. 133. Latitude: 12 deg 10 m N;
Longitude: 003 deg 50 m W. Bekoui. Seed.

496898. ORS 803. Burkina Faso. 135. Latitude: 12 deg N;
Longitude: 003 deg 50 m W. Ouakoura. Seed.

496899. ORS 804. Burkina Faso. 138. Latitude: 11 deg 50 m N;
Longitude: 003 deg 35 m W. Mamou. Seed.

496900. ORS 805. Burkina Faso. 139. Latitude: 12 deg 20 m N;
Longitude: 003 deg 35 m W. Ankasso. Seed.

496901. ORS 806. Burkina Faso. 143. Latitude: 12 deg 10 m N;
Longitude: 002 deg 40 m W. Tiogo. Seed.

496902. ORS 807. Burkina Faso. 145. Latitude: 12 deg 25 m N;
Longitude: 002 deg 40 m W. Pouni Nord. Seed.

496903. ORS 808. Burkina Faso. 146. Latitude: 12 deg 25 m N;
Longitude: 002 deg 40 m W. Pouni Nord. Seed.

496904. ORS 809. Burkina Faso. 149. Latitude: 12 deg 40 m N;
Longitude: 002 deg 25 m W. Touassi. Seed.

496905. ORS 2050. Burkina Faso. 223. Latitude: 10 deg 40 m N; Longitude: 005 deg 10 m W. Kaovra. Seed.

496906. ORS 2169. Burkina Faso. JT 101. Latitude: 11 deg 28 m N; Longitude: 003 deg 15 m W. Foussa. Seed.

496907. ORS 2170. Burkina Faso. JT 108. Latitude: 11 deg 25 m N; Longitude: 003 deg 15 m W. Bom. Seed.

496908. ORS 2171. Burkina Faso. JT 114. Latitude: 10 deg 57 m N; Longitude: 003 deg 04 m W. Bilbale. Seed.

496909. ORS 2172. Burkina Faso. JT 117. Latitude: 11 deg 03 m N; Longitude: 002 deg 46 m W. Koulenka. Seed.

496910. ORS 2173. Burkina Faso. JT 125. Latitude: 11 deg 14 m N; Longitude: 001 deg 58 m W. Yale. Seed.

496911. ORS 2174. Burkina Faso. JT 129. Latitude: 12 deg 11 m N; Longitude: 001 deg 25 m W. Nagbargre. Seed.

496912. ORS 2176. Burkina Faso. JT 207. Latitude: 10 deg 21 m N; Longitude: 004 deg 50 m W. Koutoura. Seed.

496913. ORS 2177. Burkina Faso. JT 216. Latitude: 10 deg 25 m N; Longitude: 004 deg 58 m W. Bangnagara. Seed.

496914. ORS 2178. Burkina Faso. JT 217. Latitude: 10 deg 25 m N; Longitude: 004 deg 58 m W. Bangnagara. Seed.

496915. ORS 2180. Burkina Faso. JT 222. Latitude: 10 deg 37 m N; Longitude: 005 deg 07 m W. Donna. Seed.

496916. ORS 2181. Burkina Faso. JT 229. Latitude: 11 deg 24 m N; Longitude: 004 deg 56 m W. Samorogouan. Seed.

496917. ORS 2182. Burkina Faso. JT 230. Latitude: 11 deg 37 m N; Longitude: 004 deg 48 m W. Kourouma. Seed.

496918. ORS 2184. Burkina Faso. JT 237. Latitude: 10 deg 57 m N; Longitude: 003 deg 59 m W. Klesso. Seed.

496919. ORS 2185. Burkina Faso. JT 241. Latitude: 10 deg 50 m N; Longitude: 003 deg 16 m W. Navelgane. Seed.

496920. ORS 2186. Burkina Faso. JT 245. Latitude: 10 deg 17 m N; Longitude: 003 deg 08 m W. Tonkalamine. Seed.

496921. ORS 2187. Burkina Faso. JT 246. Latitude: 10 deg 17 m N; Longitude: 003 deg 08 m W. Tonkalamine. Seed.

496922. ORS 2188. Burkina Faso. JT 248. Latitude: 09 deg 55 m N;

496451 TO 496928-continued
Longitude: 003 deg 30 m W. Mal. Seed.

496923. ORS 2189. Burkina Faso. JT 251. Latitude: 09 deg 59 m N; Longitude: 003 deg 08 m W. Midebdo. Seed.

496924. ORS 2190. Burkina Faso. JT 252. Latitude: 09 deg 59 m N; Longitude: 003 deg 08 m W. Midebdo. Seed.

496925. ORS 2441. Burkina Faso. 83B 773 B. Latitude: 14 deg N; Longitude: 002 deg 10 m W. Tibo. Seed.

496926. ORS 2444. Burkina Faso. 83B 785 A. Latitude: 12 deg 20 m N; Longitude:. Nabougou. Seed.

496927. ORS 2446. Burkina Faso. 83B 786 C. Latitude: 11 deg 50 m N; Longitude: 002 deg E. Tapao. Seed.

496928. ORS 1891. Zambia. ZFA 3476. Seed.

496929 TO 496942. Abelmoschus moschatus Medik. (Malvaceae).

From Ivory Coast. Donated by Hamon, S.; Office de la Recherche Scientifique et Technique Outre-Mer; Abidjan. Received through International Board for Plant Genetic Resources, Rome, Italy.
Received February 1985.

496929. ORS 1264. Benin. HCD 7. Latitude: 07 deg N; Longitude: 002 deg 40 m E. Sakete. Seed.

496930. ORS 1273. Benin. HCD 16. Latitude: 06 deg 50 m N; Longitude: 002 deg 15 m E. Ouegbo-Agon. Seed.

496931. ORS 1336. Benin. HAH 72. Latitude: 09 deg 40 m N; Longitude: 002 deg 40 m E. Tamarou. Seed.

496932. ORS 1342. Benin. HAH 77. Latitude: 09 deg 50 m N; Longitude: 003 deg E. Biro. Seed.

496933. ORS 1354. Benin. HAH 88. Latitude: 10 deg 40 m N; Longitude: 002 deg 50 m E. Berougbai. Seed.

496934. ORS 1360. Benin. HAH 94. Latitude: 10 deg 55 m N; Longitude: 002 deg 55 m E. Gogonou. Seed.

496935. ORS 1443. Benin. HAH 167. Latitude: 10 deg 05 m N; Longitude: 001 deg 30 m E. Kotopounga. Seed.

496936. ORS 1501. Benin. HAH 220. Latitude: 09 deg 30 m N; Longitude: 002 deg E. Alfa Kounara. Seed.

496937. ORS 1556. Benin. HAH 258. Latitude: 06 deg 50 m N;

Longitude: 001 deg 40 m E. Kokohoue. Seed.

496938. ORS 2156. Sudan. HSD 140. Latitude: 14 deg 13 m N; Longitude: 033 deg 45 m E. Vo 17 Elfau. Seed.

496939. ORS 280. Togo. Seed.

496940. ORS 908. Togo. HCS 44. Latitude: 07 deg 20 m N; Longitude: 001 deg 15 m E. Wahala. Seed.

496941. ORS 992. Togo. HCS 120. Latitude: 08 deg 30 m N; Longitude: 001 deg 10 m E. Sessaro. Seed.

496942. ORS 1092. Togo. HCS 202. Latitude: 10 deg N; Longitude: 001 deg E. Baga. Seed.

496943 TO 497242. Abelmoschus manihot (L.) Medik. (Malvaceae).

From Ivory Coast. Donated by Hamon, S.; Office de la Recherche Scientifique et Technique Outre-Mer; Abidjan. Received through International Board for Plant Genetic Resources, Rome, Italy.
Received February 1985.

496943. ORS 1256. Benin. HCD 1. Latitude: 06 deg 35 m N; Longitude: 002 deg 40 m E. Dangbo. Seed.

496944. ORS 1258. Benin. HCD 3. Latitude: 06 deg 40 m N; Longitude: 002 deg 40 m E. Gbada. Seed.

496945. ORS 1259. Benin. HCD 4. Latitude: 06 deg 40 m N; Longitude: 002 deg 40 m E. Gbada. Seed.

496946. ORS 1260. Benin. HCD 5 A. Latitude: 06 deg 40 m N; Longitude: 002 deg 40 m E. Gbada. Seed.

496947. ORS 1261. Benin. HCD 5 B. Latitude: 06 deg 40 m N; Longitude: 002 deg 40 m E. Gbada. Seed.

496948. ORS 1262. Benin. HCD 5 C. Latitude: 06 deg 40 m N; Longitude: 002 deg 40 m E. Gbada. Seed.

496949. ORS 1265. Benin. HCD 8. Latitude: 07 deg N; Longitude: 002 deg 40 m E. Sakete. Seed.

496950. ORS 1269. Benin. HCD 12. Latitude: 07 deg 10 m N; Longitude: 002 deg 35 m E. Issaba. Seed.

496951. ORS 1271. Benin. HCD. Latitude: 06 deg 30 m N; Longitude: 002 deg 05 m E. Kpodji. Seed.

496952. ORS 1280. Benin. HAH 22. Latitude: 07 deg 20 m N;

Longitude: 002 deg 05 m E. Atcherigbe. Seed.

496953. ORS 1281. Benin. HAH 23. Latitude: 07 deg 20 m N; Longitude: 002 deg 05 m E. Atcherigbe. Seed.

496954. ORS 1287. Benin. HAH 29. Latitude: 07 deg 35 m N; Longitude: 002 deg 05 m E. Tangbe. Seed.

496955. ORS 1295. Benin. HAH 36. Latitude: 07 deg 40 m N; Longitude: 002 deg E. Atake Koffe 3. Seed.

496956. ORS 1304. Benin. HAH 45. Latitude: 08 deg N; Longitude: 002 deg 30 m E. Pobe. Seed.

496957. ORS 1306. Benin. HAH 47. Latitude: 08 deg 10 m N; Longitude: 002 deg 40 m E. Wogui. Seed.

496958. ORS 1311. Benin. HAH 51. Latitude: 08 deg 10 m N; Longitude: 002 deg 40 m E. Kokoro. Seed.

496959. ORS 1315. Benin. HAH 55. Latitude: 08 deg 35 m N; Longitude: 002 deg 40 m E. Toui. Seed.

496960. ORS 1320. Benin. HAH 59 B. Latitude: 09 deg 10 m N; Longitude: 002 deg 35 m E. Tchatchou. Seed.

496961. ORS 1329. Benin. HAH 66. Latitude: 09 deg 30 m N; Longitude: 002 deg 40 m E. Boko. Seed.

496962. ORS 1337. Benin. HAH 73. Latitude: 09 deg 40 m N; Longitude: 002 deg 40 m E. Tamarou. Seed.

496963. ORS 1338. Benin. HAH 74. Latitude: 09 deg 50 m N; Longitude: 003 deg E. Biro. Seed.

496964. ORS 1340. Benin. HAH 75 B. Latitude: 09 deg 50 m N; Longitude: 003 deg E. Biro. Seed.

496965. ORS 1348. Benin. HAH 83 A. Latitude: 10 deg 05 m N; Longitude: 002 deg 45 m E. Wanrakerou. Seed.

496966. ORS 1349. Benin. HAH 83 B. Latitude: 10 deg 05 m N; Longitude: 002 deg 45 m E. Wanrakerou. Seed.

496967. ORS 1353. Benin. HAH 87. Latitude: 10 deg 35 m N; Longitude: 002 deg 50 m E. Konkou. Seed.

496968. ORS 1356. Benin. HAH 90. Latitude: 10 deg 55 m N; Longitude: 002 deg 55 m E. Ouere. Seed.

496969. ORS 1378. Benin. HAH 111. Latitude: 11 deg N; Longitude: 003 deg 15 m E. Benzekou. Seed.

496970. ORS 1379. Benin. HAH 112. Latitude: 11 deg N; Longitude: 003 deg 15 m E. Benzekou. Seed.

496971. ORS 1380. Benin. HAH 113. Latitude: 11 deg N; Longitude: 003 deg 15 m E. Benzekou. Seed.

496972. ORS 1384. Benin. HAH 117. Latitude: 11 deg N; Longitude: 003 deg 30 m E. Libossou. Seed.

496973. ORS 1423. Benin. HAH 149. Latitude: 11 deg N; Longitude: 002 deg 10 m E. Grangbanga. Seed.

496974. ORS 1424. Benin. HAH 150. Latitude: 11 deg N; Longitude: 002 deg 10 m E. Grangbanga. Seed.

496975. ORS 1429. Benin. HAH 154. Latitude: 10 deg 50 m N; Longitude: 002 deg 10 m E. Wore. Seed.

496976. ORS 1432. Benin. HAH 157. Latitude: 10 deg 20 m N; Longitude: 002 deg 10 m E. Gnemasson. Seed.

496977. ORS 1441. Benin. HAH 165. Latitude: 10 deg 05 m N; Longitude: 001 deg 30 m E. Kotopounga. Seed.

496978. ORS 1447. Benin. HAH 171. Latitude: 10 deg 15 m N; Longitude: 001 deg 15 m E. Kouaba. Seed.

496979. ORS 1457. Benin. HAH 181 A. Latitude: 10 deg 30 m N; Longitude: 001 deg 25 m E. Kaba. Seed.

496980. ORS 1458. Benin. HAH 181 B. Latitude: 10 deg 30 m N; Longitude: 001 deg 25 m E. Kaba. Seed.

496981. ORS 1475. Benin. HAH 198. Latitude: 10 deg 05 m N; Longitude: 001 deg 30 m E. Perma. Seed.

496982. ORS 1480. Benin. HAH 203. Latitude: 09 deg 50 m N; Longitude: 001 deg 35 m E. Kataban. Seed.

496983. ORS 1483. Benin. HAH 205. Latitude: 09 deg 50 m N; Longitude: 001 deg 55 m E. Sosso. Seed.

496984. ORS 1486. Benin. HAH 208. Latitude: 09 deg 50 m N; Longitude: 001 deg 55 m E. Sosso. Seed.

496985. ORS 1489. Benin. HAH 210 B. Latitude: 09 deg 40 m N; Longitude: 002 deg E. Barienou. Seed.

496986. ORS 1491. Benin. HAH 211. Latitude: 09 deg 40 m N; Longitude: 002 deg E. Barienou. Seed.

496987. ORS 1495. Benin. HAH 214. Latitude: 09 deg 30 m N;

Longitude: 002 deg E. Alfakouara. Seed.

496988. ORS 1498. Benin. HAH 217. Latitude: 09 deg 30 m N; Longitude: 002 deg E. Alfakouara. Seed.

496989. ORS 1507. Benin. HAH 224 A. Latitude: 09 deg 30 m N; Longitude: 001 deg 40 m E. Pelebina. Seed.

496990. ORS 1509. Benin. HAH 225 A. Latitude: 09 deg 30 m N; Longitude: 001 deg 40 m E. Pelebina. Seed.

496991. ORS 1511. Benin. HAH 226 A. Latitude: 09 deg 30 m N; Longitude: 001 deg 40 m E. Pelebina. Seed.

496992. ORS 1513. Benin. HAH 227. Latitude: 09 deg 10 m N; Longitude: 001 deg 40 m E. Penessoulou. Seed.

496993. ORS 1515. Benin. HAH 229. Latitude: 09 deg 10 m N; Longitude: 001 deg 40 m E. Kokohoue. Seed.

496994. ORS 1557. Benin. HAH 259. Latitude: 06 deg 50 m N; Longitude: 001 deg 40 m E. Kokohoue. Seed.

496995. ORS 1558. Benin. HAH 260. Latitude: 06 deg 50 m N; Longitude: 001 deg 40 m E. Kokohoue. Seed.

496996. ORS 1560. Benin. HAH 262. Latitude: 06 deg 35 m N; Longitude: 001 deg 40 m E. Togueme. Seed.

496997. ORS 1561. Benin. HAH 263. Latitude: 06 deg 35 m N; Longitude: 001 deg 40 m E. Togueme. Seed.

496998. ORS 1923. Benin. HLA 40. Latitude: 09 deg 20 m N; Longitude: 002 deg 18 m E. Atanga. Seed.

496999. ORS 1924. Benin. HLA 51. Latitude: 09 deg 43 m N; Longitude: 001 deg 30 m E. Anouno. Seed.

497000. ORS 2039. Burkina Faso. 127. Latitude: 10 deg 20 m N; Longitude: 003 deg 10 m W. Tolkaboua. Seed.

497001. ORS 2043. Burkina Faso. 139. Latitude: 10 deg 20 m N; Longitude: 003 deg 10 m W. Niobini. Seed.

497002. ORS 2046. Burkina Faso. 164. Latitude: 10 deg 10 m N; Longitude: 003 deg 25 m W. Loropeni. Seed.

497003. ORS 2048. Burkina Faso. 182. Latitude: 10 deg 10 m N; Longitude: 003 deg 25 m W. Guirina. Seed.

497004. ORS 2051. Burkina Faso. 224. Latitude: 10 deg 40 m N; Longitude: 005 deg 10 m W. Kaoura. Seed.

497005. ORS 2053. Burkina Faso. 255. Latitude: 10 deg 40 m N; Longitude: 005 deg 10 m W. Loumana. Seed.

497006. ORS 2056. Burkina Faso. 297. Latitude: 10 deg 25 m N; Longitude: 005 deg W. Soubaka. Seed.

497007. ORS 2059. Burkina Faso. 311. Latitude: 10 deg 20 m N; Longitude: 004 deg 50 m W. Toundoura. Seed.

497008. ORS 2062. Burkina Faso. 327. Latitude: 10 deg 20 m N; Longitude: 004 deg 50 m W. Kimini. Seed.

497009. ORS 2064. Burkina Faso. 333. Latitude: 10 deg 20 m N; Longitude: 004 deg 50 m W. Folombo. Seed.

497010. ORS 2065. Burkina Faso. 334. Latitude: 10 deg 20 m N; Longitude: 004 deg 50 m W. Folombo. Seed.

497011. ORS 2066. Burkina Faso. 341. Latitude: 10 deg 20 m N; Longitude: 004 deg 50 m W. Mitieridougou. Seed.

497012. ORS 2070. Burkina Faso. 370. Latitude: 10 deg 40 m N; Longitude: 004 deg 15 m W. Gouandougou. Seed.

497013. ORS 2071. Burkina Faso. 377. Latitude: 10 deg 40 m N; Longitude: 004 deg 15 m W. Kouere. Seed.

497014. ORS 2078. Burkina Faso. 414. Latitude: 10 deg 40 m N; Longitude: 004 deg 40 m W. Toumousseni. Seed.

497015. ORS 2080. Burkina Faso. 463. Latitude: 11 deg 10 m N; Longitude: 004 deg 20 m W. Fo. Seed.

497016. ORS 2086. Burkina Faso. 534. Latitude: 11 deg N; Longitude: 004 deg 50 m W. Samogohiri. Seed.

497017. ORS 2007. Cameroon. ACD 1. Latitude: 04 deg N; Longitude: 009 deg 10 m E. Victoria. Seed.

497018. ORS 2010. Cameroon. ACD 4. Latitude: 04 deg N; Longitude: 009 deg 10 m E. Victoria. Seed.

497019. ORS 2011. Cameroon. ACD 5. Latitude: 04 deg 50 m N; Longitude: 009 deg 10 m E. M'Bonzie. Seed.

497020. ORS 2012. Cameroon. ACD 6. Latitude: 04 deg 50 m N; Longitude: 009 deg 10 m E. M'Bonzie. Seed.

497021. ORS 2013. Cameroon. ACD 7. Latitude: 04 deg 50 m N; Longitude: 009 deg 10 m E. M'Bonzie. Seed.

497022. ORS 2015. Cameroon. ACD 9. Latitude: 05 deg N;

496943 TO 497242-continued

Longitude: 010 deg E. Tsenankam. Seed.

497023. ORS 1975. Cameroon. HOL 292. Latitude: 06 deg 45 m N; Longitude: 000 deg 20 m E. Ainifoega. Seed.

497024. ORS 1979. Ghana. HLA 315. Latitude: 06 deg 50 m N; Longitude: 001 deg 40 m W. Ofinso. Seed.

497025. ORS 1981. Ghana. HLA 329. Latitude: 09 deg 04 m N; Longitude: 002 deg 55 m W. Bole. Seed.

497026. ORS 1983. Ghana. HLA 332. Latitude: 09 deg 10 m N; Longitude: 002 deg 50 m W. Gbodaa. Seed.

497027. ORS 1986. Ghana. HLA 339. Latitude: 09 deg 05 m N; Longitude: 001 deg 44 m W. Damango. Seed.

497028. ORS 1988. Ghana. HLA 341. Latitude: 09 deg 05 m N; Longitude: 001 deg 44 m W. Damango. Seed.

497029. ORS 1991. Ghana. HLA 345. Latitude: 09 deg 40 m N; Longitude: 000 deg 58 m E. Bung. Seed.

497030. ORS 2002. Ghana. HOD 372. Latitude: 10 deg 05 m N; Longitude: 002 deg 30 m W. Wa. Seed.

497031. ORS 2005. Ghana. HOD 375. Latitude: 10 deg 45 m N; Longitude: 001 deg 20 m W. Sandema. Seed.

497032. ORS 2100. Ghana. 376. Latitude: 08 deg 06 m N; Longitude: 000 deg 15 m E. Kudje. Seed.

497033. ORS 2102. Ghana. 383. Latitude: 08 deg 12 m N; Longitude: 000 deg 12 m E. Ankakura. Seed.

497034. ORS 2106. Ghana. 388. Latitude: 08 deg 06 m N; Longitude: 000 deg 15 m E. Djoko. Seed.

497035. ORS 2108. Ghana. 400. Latitude: 07 deg 40 m N; Longitude: 001 deg 40 m W. Kwame Danso. Seed.

497036. ORS 1569. Guinea. K A 6. Latitude: 10 deg 20 m N; Longitude: 011 deg 30 m W. Koukourouba. Seed.

497037. ORS 1571. Guinea. K A 8. Latitude: 09 deg 25 m N; Longitude: 013 deg 20 m W. Tabuna. Seed.

497038. ORS 1572. Guinea. K A 9. Latitude: 09 deg 25 m N; Longitude: 013 deg 20 m W. Tabuna. Seed.

497039. ORS 1573. Guinea. K A 10. Latitude: 10 deg 20 m N; Longitude: 014 deg W. Meny Khure. Seed.

497040. ORS 1574. Guinea. K A 11. Latitude: 10 deg 20 m N; Longitude: 014 deg W. Thia. Seed.

497041. ORS 1576. Guinea. K A 13. Latitude: 10 deg 40 m N; Longitude: 014 deg 20 m W. Kanearandedi. Seed.

497042. ORS 1577. Guinea. K A 14. Latitude: 10 deg 40 m N; Longitude: 014 deg 20 m W. Kibola. Seed.

497043. ORS 1578. Guinea. K A 15. Latitude: 10 deg 40 m N; Longitude: 014 deg 20 m W. Kabogossi. Seed.

497044. ORS 1580. Guinea. K A 17. Latitude: 10 deg 20 m N; Longitude: 012 deg W. Mamou. Seed.

497045. ORS 1581. Guinea. K A 18. Latitude: 10 deg 20 m N; Longitude: 012 deg W. Mamou. Seed.

497046. ORS 1582. Guinea. K A 19. Latitude: 10 deg 30 m N; Longitude: 012 deg W. Koulipan. Seed.

497047. ORS 1587. Guinea. K A 24. Latitude: 11 deg 20 m N; Longitude: 011 deg 20 m W. Oulenko. Seed.

497048. ORS 1589. Guinea. K A 26. Latitude: 11 deg 10 m N; Longitude: 011 deg 30 m W. Moukidjigue. Seed.

497049. ORS 1590. Guinea. K A 27. Latitude: 10 deg N; Longitude: 010 deg 45 m W. Karfaya. Seed.

497050. ORS 1591. Guinea. K A 28. Latitude: 08 deg 50 m N; Longitude: 010 deg 30 m W. Gueckedou. Seed.

497051. ORS 1592. Guinea. K A 29. Latitude: 08 deg 50 m N; Longitude: 010 deg 30 m W. Fangamandou. Seed.

497052. ORS 2273. Guinea. CL 16. Latitude: 10 deg 25 m N; Longitude: 009 deg W. Bangalan. Seed.

497053. ORS 2286. Guinea. CL 512 B. Latitude: 10 deg 50 m N; Longitude: 009 deg 25 m W. Narassoba. Seed.

497054. ORS 2290. Guinea. CL 516. Latitude: 10 deg 35 m N; Longitude: 009 deg 50 m W. Moussaya. Seed.

497055. ORS 2294. Guinea. CL 518. Latitude: 10 deg 40 m N; Longitude: 010 deg 10 m W. Saraya. Seed.

497056. ORS 2296. Guinea. CL 584. Latitude: 10 deg 40 m N; Longitude: 010 deg 10 m W. Saraya. Seed.

497057. ORS 2302. Guinea. CL 524. Latitude: 10 deg 40 m N;

Longitude: 011 deg W. Madina-Koura. Seed.

497058. ORS 2304. Guinea. CL 58. Latitude: 10 deg 35 m N; Longitude: 011 deg 10 m W. Kambaya. Seed.

497059. ORS 2306. Guinea. CL 60. Latitude: 10 deg 35 m N; Longitude: 011 deg 10 m W. Kambaya. Seed.

497060. ORS 2308. Guinea. CL 526. Latitude: 10 deg 30 m N; Longitude: 011 deg 35 m W. Bagata. Seed.

497061. ORS 2309. Guinea. CL 527. Latitude: 10 deg 30 m N; Longitude: 011 deg 35 m W. Bagata. Seed.

497062. ORS 2310. Guinea. CL 65. Latitude: 10 deg 20 m N; Longitude: 011 deg 45 m W. Sogotoro. Seed.

497063. OPS 2311. Guinea. CL 79. Latitude: 10 deg 25 m N; Longitude: 012 deg W. Tolo. Seed.

497064. ORS 2313. Guinea. CL 528. Latitude: 10 deg 40 m N; Longitude: 011 deg 45 m W. Pere Daka. Seed.

497065. ORS 2314. Guinea. CL 529. Latitude: 10 deg 40 m N; Longitude: 011 deg 45 m W. Pere Daka. Seed.

497066. ORS 2315. Guinea. CL 530. Latitude: 10 deg 40 m N; Longitude: 011 deg 50 m W. Fougoumba. Seed.

497067. ORS 2316. Guinea. CL 531 A. Latitude: 10 deg 40 m N; Longitude: 011 deg 50 m W. Fougoumba. Seed.

497068. ORS 2317. Guinea. CL 531 B. Latitude: 10 deg 40 m N; Longitude: 011 deg 50 m W. Fougoumba. Seed.

497069. ORS 2319. Guinea. CL 532 B. Latitude: 10 deg 40 m N; Longitude: 011 deg 50 m W. Fougoumba. Seed.

497070. ORS 2321. Guinea. CL 534. Latitude: 11 deg N; Longitude: 011 deg 50 m W. Bendekoure. Seed.

497071. ORS 2322. Guinea. CL 536. Latitude: 11 deg 05 m N; Longitude: 011 deg 55 m W. Gali. Seed.

497072. ORS 2324. Guinea. CL 90. Latitude: 10 deg 50 m N; Longitude: 012 deg 10 m W. Kambako. Seed.

497073. ORS 2327. Guinea. CL 538. Latitude: 11 deg 20 m N; Longitude: 011 deg 50 m W. Tarambali. Seed.

497074. ORS 2329. Guinea. CL 539 B. Latitude: 11 deg 10 m N; Longitude: 011 deg 40 m W. Diambesse. Seed.

497075. ORS 2330. Guinea. CL 539 C. Latitude: 11 deg 10 m N; Longitude: 011 deg 40 m W. Diambesse. Seed.

497076. ORS 2332. Guinea. CL 541 A. Latitude: 11 deg 30 m N; Longitude: 011 deg 20 m W. Kole. Seed.

497077. ORS 2335. Guinea. CL 544. Latitude: 11 deg 20 m N; Longitude: 011 deg 40 m W. Kona. Seed.

497078. ORS 2351. Guinea. CL 550. Latitude: 11 deg 35 m N; Longitude: 012 deg 25 m W. Dala. Seed.

497079. ORS 2353. Guinea. CL 552. Latitude: 11 deg 35 m N; Longitude: 012 deg 25 m W. Dala. Seed.

497080. ORS 2356. Guinea. CL 162. Latitude: 11 deg 55 m N; Longitude: 013 deg W. Seed.

497081. ORS 2362. Guinea. CL 196. Latitude: 11 deg 40 m N; Longitude: 013 deg 10 m W. Missira. Seed.

497082. ORS 2370. Guinea. CL 555. Latitude: 11 deg 30 m N; Longitude: 013 deg 10 m W. Moto. Seed.

497083. ORS 2371. Guinea. CL 556. Latitude: 11 deg N; Longitude: 013 deg W. Santou. Seed.

497084. ORS 2373. Guinea. CL 558. Latitude: 11 deg N; Longitude: 013 deg W. Santou. Seed.

497085. ORS 2375. Guinea. CL 213. Latitude: 10 deg 50 m N; Longitude: 012 deg 55 m W. Neteri. Seed.

497086. ORS 2379. Guinea. CL 561. Latitude: 10 deg 35 m N; Longitude: 012 deg 55 m W. Sitaya. Seed.

497087. ORS 2380. Guinea. CL 224. Latitude: 10 deg 30 m N; Longitude: 012 deg 55 m W. Seed.

497088. ORS 2381. Guinea. CL 563. Latitude: 10 deg 15 m N; Longitude: 012 deg 45 m W. Bangouya. Seed.

497089. ORS 2382. Guinea. CL 565. Latitude: 10 deg 05 m N; Longitude: 012 deg 30 m W. Tianguelya. Seed.

497090. ORS 2384. Guinea. CL 567. Latitude: 10 deg 10 m N; Longitude: 011 deg 50 m W. Konkoure. Seed.

497091. ORS 2385. Guinea. CL 568. Latitude: 10 deg 10 m N; Longitude: 011 deg 50 m W. Dar-es-Salam. Seed.

497092. ORS 2389. Guinea. CL 571. Latitude: 10 deg N; Longitude:

011 deg 10 m W. Soleya. Seed.

497093. ORS 2391. Guinea. CL 573. Latitude: 09 deg 55 m N; Longitude: 010 deg 50 m W. Soulemania. Seed.

497094. ORS 2392. Guinea. CL 574. Latitude: 09 deg 55 m N; Longitude: 010 deg 50 m W. Soulemania. Seed.

497095. ORS 2394. Guinea. CL 237. Latitude: 09 deg 50 m N; Longitude: 010 deg 40 m W. Gbanworoya. Seed.

497096. ORS 2396. Guinea. CL 249. Latitude: 09 deg 40 m N; Longitude: 010 deg 40 m W. Tiro. Seed.

497097. ORS 2397. Guinea. CL 250. Latitude: 09 deg 40 m N; Longitude: 010 deg 40 m W. Tiro. Seed.

497098. ORS 2399. Guinea. CL 276. Latitude: 09 deg 30 m N; Longitude: 010 deg 40 m W. Nianfurando. Seed.

497099. ORS 2401. Guinea. CL 277 B. Latitude: 09 deg 30 m N; Longitude: 010 deg 40 m W. Nianfurando. Seed.

497100. ORS 2403. Guinea. CL 578 B. Latitude: 09 deg 15 m N; Longitude: 010 deg 05 m W. Sangardo. Seed.

497101. ORS 2405. Guinea. CL 262. Latitude: 09 deg 15 m N; Longitude: 009 deg 50 m W. Iradou. Seed.

497102. ORS 2408. Guinea. CL 286. Latitude: 09 deg 25 m N; Longitude: 009 deg 40 m W. Toukounou. Seed.

497103. ORS 2411. Guinea. CL 581. Latitude: 09 deg 35 m N; Longitude: 009 deg 30 m W. Moribaya. Seed.

497104. ORS 2412. Guinea. CL 582. Latitude: 09 deg 35 m N; Longitude: 009 deg 30 m W. Moriguedou. Seed.

497105. ORS 2413. Guinea. CL 583. Latitude: 09 deg 35 m N; Longitude: 009 deg 30 m W. Moriguedou. Seed.

497106. ORS 2415. Guinea. CL 334 A. Latitude: 09 deg 40 m N; Longitude: 008 deg 55 m W. Komodou. Seed.

497107. ORS 2416. Guinea. CL 334 B. Latitude: 09 deg 40 m N; Longitude: 008 deg 55 m W. Komodou. Seed.

497108. ORS 2417. Guinea. CL 323. Latitude: 09 deg 40 m N; Longitude: 008 deg 55 m W. Kamandou. Seed.

497109. ORS 2419. Guinea. CL 313. Latitude: 09 deg N; Longitude: 008 deg 50 m W. Konsankoro. Seed.

497110. ORS 2421. Guinea. CL 579 B. Latitude: 09 deg 15 m N; Longitude: 010 deg 05 m W. Sangardo. Seed.

497111. ORS 2422. Guinea. CL 300. Latitude: 08 deg 40 m N; Longitude: 008 deg 55 m W. Nionsamorido. Seed.

497112. ORS 2431. Guinea. CL 336. Latitude: 09 deg 40 m N; Longitude: 010 deg 55 m W. Kankan. Seed.

497113. ORS 2432. Guinea. CL 66. Latitude: 10 deg 20 m N; Longitude: 011 deg 50 m W. Sogotoro. Seed.

497114. ORS 1896. Ivory Coast. CB 20. Latitude: 09 deg 36 m N; Longitude: 004 deg 11 m W. Bawe. Seed.

497115. ORS 1897. Ivory Coast. CB 21. Latitude: 09 deg 36 m N; Longitude: 004 deg 11 m W. Bawe. Seed.

497116. ORS 1898. Ivory Coast. CB 22. Latitude: 09 deg 40 m N; Longitude: 004 deg 15 m W. Bole. Seed.

497117. ORS 1899. Ivory Coast. CB 23. Latitude: 09 deg 40 m N; Longitude: 004 deg 15 m W. Bole. Seed.

497118. ORS 1900. Ivory Coast. CB 24. Latitude: 09 deg 40 m N; Longitude: 004 deg 15 m W. Bole. Seed.

497119. ORS 1901. Ivory Coast. CB 25. Latitude: 09 deg 40 m N; Longitude: 004 deg 15 m W. Bole. Seed.

497120. ORS 1903. Ivory Coast. CB 27. Latitude: 09 deg 40 m N; Longitude: 004 deg 15 m W. Bole. Seed.

497121. ORS 1907. Ivory Coast. CB 31. Latitude: 09 deg 36 m N; Longitude: 004 deg 03 m W. Wango Koroo. Seed.

497122. ORS 1911. Ivory Coast. CB 39. Latitude: 09 deg 52 m N; Longitude: 003 deg 26 m W. Lankio. Seed.

497123. ORS 1913. Ivory Coast. CB 41. Latitude: 09 deg 52 m N; Longitude: 003 deg 26 m W. Doropo. Seed.

497124. ORS 1915. Ivory Coast. CB 43. Latitude: 07 deg 26 m N; Longitude: 003 deg 02 m W. Kouadio Kis. Seed.

497125. ORS 1917. Ivory Coast. CB 45. Latitude: 07 deg 26 m N; Longitude: 003 deg 02 m W. Kouadio Kis. Seed.

497126. ORS 2242. Liberia. 2-6. Seed.

497127. ORS 2244. Liberia. 5-5. Seed.

497128. ORS 843. Togo. HCS 4. Latitude: 06 deg 20 m N; Longitude: 001 deg 20 m E. Agoueve. Seed.

497129. ORS 845. Togo. HCS 6. Latitude: 06 deg 30 m N; Longitude: 001 deg 10 m E. Davie. Seed.

497130. ORS 849. Togo. HCS 10. Latitude: 06 deg 30 m N; Longitude: 001 deg 20 m E. Tsevie. Seed.

497131. ORS 857. Togo. HCS 11 H. Latitude: 06 deg 35 m N; Longitude: 001 deg 20 m E. Tsevie. Seed.

497132. ORS 872. Togo. HCS 23. Latitude: 06 deg 30 m N; Longitude: 001 deg 10 m E. Tsevie. Seed.

497133. ORS 876. Togo. HCS 26B. Latitude: 06 deg 30 m N; Longitude: 001 deg 10 m E. Tsevie. Seed.

497134. ORS 885. Togo. HCS 39 A. Latitude: 06 deg 55 m N; Longitude: 001 deg 15 m E. Atchave. Seed.

497135. ORS 886. Togo. HCS 39B. Latitude: 06 deg 55 m N; Longitude: 001 deg 15 m E. Atchave. Seed.

497136. ORS 887. Togo. HCS 39C. Latitude: 06 deg 55 m N; Longitude: 001 deg 15 m E. Atchave. Seed.

497137. ORS 888. Togo. HCS 39D. Latitude: 06 deg 55 m N; Longitude: 001 deg 15 m E. Atchave. Seed.

497138. ORS 890. Togo. HCS 39F. Latitude: 06 deg 55 m N; Longitude: 001 deg 15 m E. Atchave. Seed.

497139. ORS 891. Togo. HCS 39G. Latitude: 06 deg 55 m N; Longitude: 001 deg 15 m E. Atchave. Seed.

497140. ORS 892. Togo. HCS 39H. Latitude: 06 deg 55 m N; Longitude: 001 deg 15 m E. Atchave. Seed.

497141. ORS 893. Togo. HCS 39I. Latitude: 06 deg 55 m N; Longitude: 001 deg 15 m E. Atchave. Seed.

497142. ORS 901. Togo. HCS 40. Latitude: 07 deg 20 m N; Longitude: 001 deg 15 m E. Wahala. Seed.

497143. ORS 904. Togo. HCS 43A. Latitude: 07 deg 20 m N; Longitude: 001 deg 15 m E. Wahala. Seed.

497144. ORS 905. Togo. HCS 43B. Latitude: 07 deg 20 m N; Longitude: 001 deg 15 m E. Wahala. Seed.

497145. ORS 906. Togo. HCS 43C. Latitude: 07 deg 20 m N;

Longitude: 001 deg 15 m E. Wahala. Seed.

497146. ORS 910. Togo. HCS 46. Latitude: 07 deg 20 m N; Longitude: 001 deg 15 m E. Kalagoro. Seed.

497147. ORS 911. Togo. HCS 47. Latitude: 07 deg 20 m N; Longitude: 001 deg 15 m E. Kalagoro. Seed.

497148. ORS 921. Togo. HCS 57. Latitude: 07 deg 05 m N; Longitude: 001 deg 25 m E. Tetetou. Seed.

497149. ORS 937. Togo. HCS 73. Latitude: 07 deg 30 m N; Longitude: 001 deg 30 m E. Ahomma. Seed.

497150. ORS 938. Togo. HCS 74. Latitude: 07 deg 30 m N; Longitude: 001 deg 30 m E. Ahomma. Seed.

497151. ORS 943. Togo. HCS 78. Latitude: 07 deg 40 m N; Longitude: 001 deg 25 m E. Love. Seed.

497152. ORS 950. Togo. HCS 84. Latitude: 07 deg 40 m N; Longitude: 001 deg 20 m E. Atikinedji. Seed.

497153. ORS 953. Togo. HCS 87. Latitude: 07 deg 35 m N; Longitude: 001 deg 05 m E. Atakpame. Seed.

497154. ORS 955. Togo. HCS 89. Latitude: 07 deg 55 m N; Longitude: 001 deg 15 m E. Kpehoun. Seed.

497155. ORS 956. Togo. HCS 90. Latitude: 07 deg 55 m N; Longitude: 001 deg 15 m E. Kpehoun. Seed.

497156. ORS 957. Togo. HCS 91. Latitude: 07 deg 55 m N; Longitude: 001 deg 15 m E. Kpehoun. Seed.

497157. ORS 962. Togo. HCS 96. Latitude: 08 deg 05 m N; Longitude: 001 deg 10 m E. Akapo-Kope. Seed.

497158. ORS 966. Togo. HCS 100. Latitude: 08 deg N; Longitude: 001 deg 05 m E. Akaba. Seed.

497159. ORS 971. Togo. HCS 104. Latitude: 08 deg N; Longitude: 001 deg 05 m E. Akaba. Seed.

497160. ORS 972. Togo. HCS 105. Latitude: 08 deg N; Longitude: 001 deg 05 m E. Akaba. Seed.

497161. ORS 974. Togo. HCS 107. Latitude: 08 deg 10 m N; Longitude: 000 deg 40 m E. Pagala. Seed.

497162. ORS 978. Togo. HCS 110. Latitude: 08 deg 10 m N; Longitude: 000 deg 40 m E. Pagala. Seed.

497163. ORS 979. Togo. HCS 111. Latitude: 08 deg 30 m N; Longitude: 001 deg E. Sotouboua. Seed.

497164. ORS 980. Togo. HCS 112. Latitude: 08 deg 30 m N; Longitude: 001 deg E. Sotouboua. Seed.

497165. ORS 981. Togo. HCS 113. Latitude: 08 deg 30 m N; Longitude: 001 deg E. Sotouboua. Seed.

497166. ORS 982. Togo. HCS 114. Latitude: 08 deg 30 m N; Longitude: 001 deg E. Sotouboua. Seed.

497167. ORS 986. Togo. HCS 117 A. Latitude: 08 deg 30 m N; Longitude: 001 deg 10 m E. Sessaro. Seed.

497168. ORS 987. Togo. HCS 117 B. Latitude: 08 deg 30 m N; Longitude: 001 deg 10 m E. Sessaro. Seed.

497169. ORS 989. Togo. HCS 118 B. Latitude: 08 deg 30 m N; Longitude: 001 deg 10 m E. Sessaro. Seed.

497170. ORS 990. Togo. HCS 119 A. Latitude: 08 deg 30 m N; Longitude: 001 deg 10 m E. Sessaro. Seed.

497171. ORS 991. Togo. HCS 119 B. Latitude: 08 deg 30 m N; Longitude: 001 deg 10 m E. Sessaro. Seed.

497172. ORS 993. Togo. HCS 121. Latitude: 08 deg 30 m N; Longitude: 001 deg 05 m E. Ayengre. Seed.

497173. ORS 994. Togo. HCS 122. Latitude: 08 deg 30 m N; Longitude: 001 deg 05 m E. Ayengre. Seed.

497174. ORS 999. Togo. HCS 126. Latitude: 08 deg 40 m N; Longitude: 000 deg 50 m E. Melanboua. Seed.

497175. ORS 1000. Togo. HCS 127. Latitude: 08 deg 40 m N; Longitude: 000 deg 50 m E. Melanboua. Seed.

497176. ORS 1001. Togo. HCS 128. Latitude: 08 deg 40 m N; Longitude: 000 deg 50 m E. Melanboua. Seed.

497177. ORS 1002. Togo. HCS 129. Latitude: 08 deg 40 m N; Longitude: 000 deg 50 m E. Melanboua. Seed.

497178. ORS 1004. Togo. HCS 131 A. Latitude: 08 deg 35 m N; Longitude: 001 deg E. Agbele. Seed.

497179. ORS 1005. Togo. HCS 131 B. Latitude: 08 deg 35 m N; Longitude: 001 deg E. Agbele. Seed.

497180. ORS 1006. Togo. HCS 132. Latitude: 08 deg 35 m N;

Longitude: 001 deg E. Agbele. Seed.

497181. ORS 1007. Togo. HCS 133. Latitude: 08 deg 35 m N; Longitude: 001 deg E. Agbele. Seed.

497182. ORS 1008. Togo. HCS 134. Latitude: 08 deg 35 m N; Longitude: 001 deg E. Agbele. Seed.

497183. ORS 1018. Togo. HCS 143. Latitude: 09 deg 05 m N; Longitude: 001 deg 25 m E. Sabarangbade. Seed.

497184. ORS 1026. Togo. HCS 149. Latitude: 08 deg 30 m N; Longitude: 001 deg 30 m E. Kamboli. Seed.

497185. ORS 1028. Togo. HCS 151. Latitude: 08 deg 30 m N; Longitude: 001 deg 30 m E. Kamboli. Seed.

497186. ORS 1032. Togo. HCS 155. Latitude: 09 deg 10 m N. Tabalo 2. Seed.

497187. ORS 1039. Togo. HCS 162. Latitude: 09 deg 20 m N; Longitude: 000 deg 20 m E. Bassar. Seed.

497188. ORS 1044. Togo. HCS 167. Latitude: 09 deg 20 m N; Longitude: 000 deg 15 m E. Bidjabe. Seed.

497189. ORS 1052. Togo. HCS 175. Latitude: 09 deg 30 m N; Longitude: 000 deg 15 m E. Bandjeli. Seed.

497190. ORS 1055. Togo. HCS 178. Latitude: 09 deg 40 m N; Longitude: 000 deg 20 m E. Naware. Seed.

497191. ORS 1056. Togo. HCS 179. Latitude: 09 deg 40 m N; Longitude: 000 deg 20 m E. Naware. Seed.

497192. ORS 1057. Togo. HCS 180. Latitude: 09 deg 40 m N; Longitude: 000 deg 20 m E. Naware. Seed.

497193. ORS 1058. Togo. HCS 181. Latitude: 09 deg 40 m N; Longitude: 000 deg 20 m E. Naware. Seed.

497194. ORS 1064. Togo. HCS 185 A. Latitude: 09 deg 30 m N; Longitude: 000 deg 55 m E. Djamde. Seed.

497195. ORS 1065. Togo. HCS 185 B. Latitude: 09 deg 30 m N; Longitude: 000 deg 55 m E. Djamde. Seed.

497196. ORS 1069. Togo. HCS 188. Latitude: 09 deg 45 m N; Longitude: 001 deg 25 m E. Soumdina. Seed.

497197. ORS 1075. Togo. HCS 194 A. Latitude: 09 deg 50 m N; Longitude: 001 deg 30 m E. Ketao. Seed.

497198. ORS 1076. Togo. HCS 194 B. Latitude: 09 deg 50 m N; Longitude: 001 deg 30 m E. Ketao. Seed.

497199. ORS 1077. Togo. HCS 194 C. Latitude: 09 deg 50 m N; Longitude: 001 deg 30 m E. Ketao. Seed.

497200. ORS 1082. Togo. HCS 198 A. Latitude: 10 deg N; Longitude: 001 deg 20 m E. Konfes. Seed.

497201. ORS 1083. Togo. HCS 198 B. Latitude: 10 deg N; Longitude: 001 deg 20 m E. Konfes. Seed.

497202. ORS 1090. Togo. HCS 200 B. Latitude: 10 deg N; Longitude: 001 deg E. Baga. Seed.

497203. ORS 1095. Togo. HCS 204. Latitude: 10 deg 05 m N; Longitude: 001 deg 05 m E. Waterma. Seed.

497204. ORS 1127. Togo. HCS 220 A. Latitude: 10 deg 55 m N; Longitude:. Nagbeni. Seed.

497205. ORS 1128. Togo. HCS 220 B. Latitude: 10 deg 55 m N; Longitude:. Nagbeni. Seed.

497206. ORS 1129. Togo. HCS 220 C. Latitude: 10 deg 55 m N; Longitude:. Nagbeni. Seed.

497207. ORS 1136. Togo. HCS 224 A. Latitude: 10 deg 40 m N; Longitude:. Borgou. Seed.

497208. ORS 1137. Togo. HCS 224 B. Latitude: 10 deg 40 m N; Longitude:. Borgou. Seed.

497209. ORS 1141. Togo. HCS 227. Latitude: 10 deg 40 m N; Longitude:. Pana. Seed.

497210. ORS 1142. Togo. HCS 228 A. Latitude: 10 deg 40 m N; Longitude:. Dalwak. Seed.

497211. ORS 1173. Togo. HCS 243 A. Latitude: 10 deg 30 m N; Longitude:. Bogou. Seed.

497212. ORS 1174. Togo. HCS 243 B. Latitude: 10 deg 30 m N; Longitude:. Bogou. Seed.

497213. ORS 1175. Togo. HCS 243 C. Latitude: 10 deg 30 m N; Longitude:. Bogou. Seed.

497214. ORS 1183. Togo. HCS 249. Latitude: 09 deg 20 m N; Longitude: 001 deg 05 m E. Amaide. Seed.

497215. ORS 1185. Togo. HCS 250 B. Latitude: 09 deg 20 m N;

Longitude: 001 deg 05 m E. Amaide. Seed.

497216. ORS 1186. Togo. HCS 250 C. Latitude: 09 deg 20 m N; Longitude: 001 deg 05 m E. Amaide. Seed.

497217. ORS 1187. Togo. HCS 251. Latitude: 09 deg 20 m N; Longitude: 001 deg 05 m E. Amaide. Seed.

497218. ORS 1194. Togo. HCS 255 B. Latitude: 08 deg 20 m N; Longitude: 001 deg 10 m E. Kazaboua. Seed.

497219. ORS 1195. Togo. HCS 255 C. Latitude: 08 deg 20 m N; Longitude: 001 deg 10 m E. Kazaboua. Seed.

497220. ORS 1196. Togo. HCS 256. Latitude: 08 deg 15 m N; Longitude: 001 deg 10 m E. Agbandi. Seed.

497221. ORS 1200. Togo. HCS 260. Latitude: 07 deg 35 m N; Longitude: 001 deg 05 m E. Atakpame. Seed.

497222. ORS 1201. Togo. HCS 261. Latitude: 07 deg 35 m N; Longitude: 001 deg 05 m E. Atakpame. Seed.

497223. ORS 1204. Togo. HCS 264 A. Latitude: 07 deg 40 m N; Longitude: 000 deg 55 m E. Ounabe. Seed.

497224. ORS 1205. Togo. HCS 264 C. Latitude: 07 deg 40 m N; Longitude: 000 deg 55 m E. Ounabe. Seed.

497225. ORS 1214. Togo. HCS 270 A. Latitude: 07 deg 30 m N; Longitude: 000 deg 20 m E. Tomegbe. Seed.

497226. ORS 1216. Togo. HCS 270 C. Latitude: 07 deg 30 m N; Longitude: 000 deg 20 m E. Tomegbe. Seed.

497227. ORS 1218. Togo. HCS 270 E. Latitude: 07 deg 30 m N; Longitude: 000 deg 20 m E. Tomegbe. Seed.

497228. ORS 1220. Togo. HCS 272 A. Latitude: 07 deg 40 m N; Longitude: 000 deg 25 m E. Ofokpa. Seed.

497229. ORS 1222. Togo. HCS 272 C. Latitude: 07 deg 40 m N; Longitude: 000 deg 25 m E. Ofokpa. Seed.

497230. ORS 1224. Togo. HCS 272 E. Latitude: 07 deg 40 m N; Longitude: 000 deg 25 m E. Ofokpa. Seed.

497231. ORS 1225. Togo. HCS 272 F. Latitude: 07 deg 40 m N; Longitude: 000 deg 25 m E. Ofokpa. Seed.

497232. ORS 1232. Togo. HCS 275 B. Latitude: 07 deg 40 m N; Longitude: 000 deg 25 m E. Aveho. Seed.

497233. ORS 1233. Togo. HCS 275 C. Latitude: 07 deg 25 m N; Longitude: 000 deg 40 m E. Aveho. Seed.

497234. ORS 1234. Togo. HCS 275 D. Latitude: 07 deg 25 m N; Longitude: 000 deg 40 m E. Aveho. Seed.

497235. ORS 1235. Togo. HCS 276 A. Latitude: 07 deg 10 m N; Longitude: 000 deg 25 m E. Atigba. Seed.

497236. ORS 1236. Togo. HCS 276 B. Latitude: 07 deg 10 m N; Longitude: 000 deg 25 m E. Atigba. Seed.

497237. ORS 1237. Togo. HCS 276 C. Latitude: 07 deg 10 m N; Longitude: 000 deg 25 m E. Atigba. Seed.

497238. ORS 1252. Togo. HCS 285 B. Latitude: 06 deg 15 m N; Longitude: 001 deg 10 m E. Badja. Seed.

497239. ORS 1253. Togo. HCS 285 C. Latitude: 06 deg 15 m N; Longitude: 001 deg 10 m E. Badja. Seed.

497240. ORS 1938. Togo. HLA 102. Latitude: 09 deg 26 m N; Longitude: 001 deg 07 m E. Atchankpande. Seed.

497241. ORS 1944. Togo. HLA 154. Latitude: 06 deg 25 m N; Longitude: 001 deg 19 m E. Gatiso. Seed.

497242. ORS 1946. Togo. HLA 164. Latitude: 06 deg 25 m N; Longitude: 000 deg 59 m E. Badja. Seed.

497243 TO 497251. Helianthus annuus L. (Asteraceae) Sunflower.

From Soviet Union. Donated by VIR; Leningrad.
Received May 1985.

497243. K-2322. Donskoj 4. Soviet Union. Some tolerance to Sclerotinia. Cultivar. Seed.

497244. K-3011. Kharkovskij 50. Soviet Union. Ukrainian SSR. Some tolerance to Sclerotinia. Cultivar. Seed.

497245. Kharkovskij 101. Soviet Union. Ukrainian SSR. Some tolerance to Sclerotinia. Cultivar. Seed.

497246. K-952. Omskij skorospelyj. Soviet Union. Omsk Region. Some tolerance to Sclerotinia. Cultivar. Seed.

497247. K-2311. VIR 019. Soviet Union. Kuban Region. Some tolerance to Sclerotinia. Cultivar. Seed.

497248. K-2519. VIR 119. Soviet Union. Kuban Region. Some

497243 TO 497251-continued
tolerance to Sclerotinia. Cultivar. Seed.

497249. K-2530. VIR 130M. Soviet Union. Some tolerance to Sclerotinia. Cultivar. Seed.

497250. K-3220. VIR 160. Soviet Union. Kuban Region. Some tolerance to Sclerotinia. Cultivar. Seed.

497251. K-1047. Zdanovskij 8231. Soviet Union. Rostov Region. Some tolerance to Sclerotinia. Cultivar. Seed.

497252 TO 497259. Arachis hypogaea L. (Fabaceae) Peanut.

From United States. Donated by Simpson, C.E.; Research and Extension Center, Texas A&M University; Stephenville, Texas. Received through IBPGR, Rome, Italy. Code numbers refer to collector's field numbers.
Received March 1985.

497252. KSSc 801-1. Argentina. Collected April 25, 1983. Market, Oran, Jujuy Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Reportedly from Bolivia. Seeds red. Cultivated. Seed.

497253. KSSc 801-2. Argentina. Collected April 25, 1983. Market, Oran, Jujuy Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Reportedly from Bolivia. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497254. KSSc 802. Argentina. Collected April 25, 1983. Market, Oran, Jujuy Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Reportedly from Bolivia. Seeds pink. Cultivated. Seed.

497255. KSSc 803-1. Argentina. Collected April 25, 1983. Market, Oran, Jujuy Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Reportedly from Bolivia. Seeds variegated (pink and white). Local name Bayo Americana. Cultivated. Seed.

497256. KSSc 803-2. Argentina. Collected April 25, 1983. Market, Oran, Jujuy Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Reportedly from Bolivia. Seeds tan. Cultivated. Seed.

497257. KSSc 803-3. Argentina. Collected April 25, 1983. Market, Oran, Jujuy Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Reportedly from Bolivia. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497258. KSSc 804-1. Argentina. Collected April 25, 1983. Market, Oran, Jujuy Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Reportedly from Bolivia. Seeds variegated (pink and white). Local name Bayo Americana. Cultivated. Seed.

497259. KSSc 804-2. Argentina. Collected April 25, 1983. Market, Oran, Jujuy Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Reportedly from Bolivia. Seeds tan. Cultivated. Seed.

497260 TO 497261. Arachis monticola Krapovickas & Rigoni (Fabaceae).

From United States. Donated by Simpson, C.E.; Research and Extension Center, Texas A&M University; Stephenville, Texas. Received through IBPGR, Rome, Italy. Code numbers refer to collector's field numbers.
Received March 1985.

497260. ScVa 21768. Argentina. Latitude: 24 deg 09 m S; Longitude: 065 deg 22 m W. Collected March 15, 1982. Edge of railroad, Apeadero Reyes (5km S of Yala), Jujuy Province. 1261m. Collected by A. Schinini, R. Vanni. Annual. Wild. Seed.

497261. ScVa 21769. Argentina. Latitude: 24 deg 08 m S; Longitude: 065 deg 23 m W. Collected March 15, 1982. Railroad Km 1163 where Hwy 9 crosses, San Pablo (3km S Yala), Jujuy Prov. 1300m. Collected by A. Schinini, R. Vanni. Annual. Wild. Seed.

497262 TO 497270. Arachis sp. (Fabaceae).

From United States. Donated by Simpson, C.E.; Research and Extension Center, Texas A&M University; Stephenville, Texas. Received through IBPGR, Rome, Italy. Code numbers refer to collector's field numbers.
Received March 1985.

497262. ScVa 21763. Argentina. Latitude: 24 deg 47 m S; Longitude: 065 deg 26 m W. Collected March 10, 1982. Near hill San Bernado, entrance to Sporting Club, Salta, Salta Province. 1310m. Collected by A. Schinini, R. Vanni. Soil sandy with small stones. Annual. Wild. Seed.

497263. ScVa 21764. Argentina. Latitude: 24 deg 49 m S; Longitude: 065 deg 27 m W. Collected March 11, 1982. Field, 200m S of Rio Arenales, 50m from school, San Luis, Salta Province. 1000m. Collected by A. Schinini, R. Vanni. Plants 1 m tall. Annual. Wild. Seed.

497264. ScVa 21766. Argentina. Latitude: 24 deg 22 m S; Longitude: 065 deg 07 m W. Collected March 12, 1982. South bank of Rio Perico, near El Cadillal Airport, El Carmen, Jujuy Prov. 1000m. Collected by A. Schinini, R. Vanni. Annual. Wild. Seed.

497265. ScVa 21767. Argentina. Latitude: 24 deg 15 m S; Longitude: 065 deg 13 m W. Collected March 13, 1982. Open forest, Hwy 66, 8.6km SE of S.S. de Jujuy, Jujuy Province. 1150m. Collected by A. Schinini, R. Vanni. Growing with Tipuana tipu and Acacia aroma. Annual. Wild. Seed.

497266. KSSc 38900. Argentina. Latitude: 24 deg 41 m S; Longitude: 064 deg 16 m W. Collected April 24, 1983. North bank of Rio del Valle, 4km W of Las Lajitas, Salta Province. 450m. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Soil red sandy loam. Rhizobium vial 515. Annual. Wild. Seed.

497267. KSSc 38903. Argentina. Latitude: 22 deg 12 m S; Longitude: 063 deg 41 m W. Collected May 08, 1983. E of oil refinery, Rio Itijuro, Campo Duran, San Martin, Salta Province. 500m. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Soil reddish brown sand. Rhizobium vial 520. Annual. Wild. Seed.

497268. KSSc 38904. Argentina. Latitude: 23 deg 15 m S; Longitude: 063 deg 23 m W. Collected May 09, 1983. Railway, 5km W of Dragones on Route 81 to Hickmann, San Martin, Salta Prov. 250m. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Soil brown to reddish brown sand. Vegetation, recovered chaco, dense. Rhizobium vial 521. Annual. Wild. Seed.

497269. KSSc 38905. Argentina. Latitude: 23 deg 58 m S; Longitude: 064 deg 47 m W. Collected May 09, 1983. Four electric poles before cemetery, 2.5km SSE Fraile Pintado, Jujuy Prov. 450m. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Soil gray silty sand. Rhizobium vial 522. Annual. Wild. Seed.

497270. KSSc 38906. Argentina. Latitude: 24 deg 55 m S; Longitude: 064 deg 28 m W. Collected May 11, 1983. Nr Anta (3km W of turn to J.V. Gonzalez) 37km SW of Las Lajitas, Salta Prov. 430m. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Rhizobium vial 523. Annual. Wild. Seed.

497271 TO 497482. Arachis hypogaea L. (Fabaceae) Peanut.

From United States. Donated by Simpson, C.E.; Research and

497271 TO 497482-continued
Extension Center, Texas A&M University; Stephenville, Texas. Received through IBPGR, Rome, Italy. Code numbers refer to collector's field numbers.
Received March 1985.

497271. KSBScC 347. Bolivia. Collected April 13, 1980. Market, "16 de Julio" Santa Cruz, Santa Cruz Province. Collected by A. Krapovickas, C.E. Simpson, D.J. Banks, A. Schinini, L. Coradin. Reportedly from Valle Grande. Seeds very large, tan. Cultivated. Seed.

497272. KSSc 402-1. Bolivia. A selection from PI 475984. Collected April 29, 1980. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497273. KSSc 402-2. Bolivia. A selection from PI 475984. Collected April 29, 1980. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds red. Cultivated. Seed.

497274. PZa 602-1. Bolivia. Collected September 29, 1981. Store, Reyes, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from La Paz. Seeds pink. Cultivated. Seed.

497275. PZa 602-2. Bolivia. Collected September 29, 1981. Store, Reyes, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from La Paz. Seeds red. Cultivated. Seed.

497276. PZa 602-3. Bolivia. Collected September 29, 1981. Store, Reyes, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from La Paz. Seeds tan. Cultivated. Seed.

497277. PZa 603. Bolivia. Collected September 30, 1981. Store, San Buenaventura, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Seeds tan. Cultivated. Seed.

497278. PZa 604-1. Bolivia. Collected September 30, 1981. Farmer, San Buenaventura, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Seeds tan. Cultivated. Seed.

497279. PZa 604-2. Bolivia. Collected September 30, 1981. Farmer, San Buenaventura, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Seeds red. Cultivated. Seed.

497280. PZa 605-1. Bolivia. Collected October 01, 1981. Store, Rurranabaque, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Seeds tan. Stems green. Cultivated. Seed.

497281. PZa 605-2. Bolivia. Collected October 01, 1981. Store, Rurranabaque, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Seeds tan. Stems purple. Cultivated. Seed.

497282. PZa 606. Bolivia. Collected October 01, 1981. Store, Rurranabaque, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Seeds red. Cultivated. Seed.

497283. PZa 607-1. Bolivia. Collected October 01, 1981. Store, Rurranabaque, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Villa Alcira. Seeds tan. Cultivated. Seed.

497284. PZa 607-2. Bolivia. Collected October 01, 1981. Store, Rurranabaque, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Villa Alcira. Seeds red. Cultivated. Seed.

497285. PZa 607-3. Bolivia. Collected October 01, 1981. Store, Rurranabaque, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Villa Alcira. Seeds dark purple. Cultivated. Seed.

497286. PZa 607-4. Bolivia. Collected October 01, 1981. Store, Rurranabaque, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Villa Alcira. Seeds purple. Cultivated. Seed.

497287. PZa 607-5. Bolivia. Collected October 01, 1981. Store, Rurranabaque, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Villa Alcira. Seeds white. Cultivated. Seed.

497288. PZa 608-1. Bolivia. Collected October 02, 1981. Store, Rurranabaque, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Local type. Seeds red. Cultivated. Seed.

497289. PZa 608-2. Bolivia. Collected October 02, 1981. Store, Rurranabaque, Beni Province. Collected by J. Pietrarelli, R.H. Zanini. Local type. Seeds purple. Cultivated. Seed.

497290. PZa 609-1. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds pink. Cultivated. Seed.

497291. PZa 610-1. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds pink. Cultivated. Seed.

497292. PZa 610-2. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds tan. Cultivated. Seed.

497293. PZa 611. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds pink. Cultivated. Seed.

497294. PZa 612-1. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds pink. Cultivated. Seed.

497295. PZa 612-2. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds tan. Cultivated. Seed.

497296. PZa 613-1. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds pink. Cultivated. Seed.

497297. PZa 613-2. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds variegated (red and white). Cultivated. Seed.

497298. PZa 613-3. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds red. Cultivated. Seed.

497299. PZa 613-4. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds variegated (red and light red). Cultivated. Seed.

497300. PZa 614-1. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds pink. Cultivated. Seed.

497301. PZa 614-2. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds tan. Cultivated. Seed.

497302. PZa 614-3. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds purple. Cultivated. Seed.

497303. PZa 615-1. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds pink. Cultivated. Seed.

497304. PZa 615-2. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds variegated (red and white). Cultivated. Seed.

497305. PZa 615-3. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds variegated (red and white). Cultivated. Seed.

497306. PZa 615-4. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds tan. Cultivated. Seed.

497307. PZa 616-1. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds variegated (red and white). Cultivated. Seed.

497308. PZa 616-2. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds pink. Cultivated. Seed.

497309. PZa 616-3. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds variegated (red and white). Cultivated. Seed.

497310. PZa 617-1. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds variegated (red and white). Cultivated. Seed.

497311. PZa 617-2. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds pink. Cultivated. Seed.

497312. PZa 617-3. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Padilla. Seeds red. Cultivated. Seed.

497313. PZa 618-1. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Monteagudo. Seeds pink. Cultivated. Seed.

497314. PZa 618-2. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Monteagudo. Seeds tan. Cultivated. Seed.

497315. PZa 618-3. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Monteagudo. Seeds purple. Cultivated. Seed.

497316. PZa 618-4. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Monteagudo. Seeds pink. Cultivated. Seed.

497317. PZa 618-5. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Monteagudo. Seeds red. Cultivated. Seed.

497318. PZa 619. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Monteagudo. Seeds variegated (red and white). Cultivated. Seed.

497319. PZa 620-1. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Monteagudo. Seeds pink. Cultivated. Seed.

497320. PZa 620-2. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Monteagudo. Seeds variegated (red and white). Cultivated. Seed.

497321. PZa 620-3. Bolivia. Collected October 05, 1981. Market, Sucre, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini. Reportedly from Monteagudo. Seeds variegated (red and white). Cultivated. Seed.

497322. PZaPl 621-1. Bolivia. Collected October 06, 1981. Farmer, Padilla, 4km from Mojotorillo, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds red. Cultivated. Seed.

497323. PZaPl 621-2. Bolivia. Collected October 06, 1981. Farmer, Padilla, 4km from Mojotorillo, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds tan. Cultivated. Seed.

497324. PZaPl 622-1. Bolivia. Collected October 06, 1981. Farmer, Padilla, La Caldera area, Chuquisaca Province.

Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds pink. Cultivated. Seed.

497325. PZaPl 622-2. Bolivia. Collected October 06, 1981. Farmer, Padilla, La Caldera area, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds pink. Cultivated. Seed.

497326. PZaPl 622-3. Bolivia. Collected October 06, 1981. Farmer, Padilla, La Caldera area, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds tan. Cultivated. Seed.

497327. PZaPl 623-1. Bolivia. Collected October 06, 1981. Vendor, Villa Serrano, Huaca-Huasi area, Chuquisaca Province. 2050m. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds pink. Cultivated. Seed.

497328. PZaPl 623-2. Bolivia. Collected October 06, 1981. Vendor, Villa Serrano, Huaca-Huasi area, Chuquisaca Province. 2050m. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds tan. Cultivated. Seed.

497329. PZaPl 624. Bolivia. Collected October 06, 1981. Farmer, Villa Serrano, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Reportedly from Pucka-Ckaca. Seeds pink. Local name Mani larguillo. Cultivated. Seed.

497330. PZaPl 625-1. Bolivia. Collected October 06, 1981. Farmer, Villa Serrano, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Reportedly from Pucka-Ckaca. Seeds pink (two seeded pods). Local name Pico loro. Cultivated. Seed.

497331. PZaPl 625-2. Bolivia. Collected October 06, 1981. Farmer, Villa Serrano, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Reportedly from Pucka-Ckaca. Seeds pink (three seeded pods). Local name Pico loro. Cultivated. Seed.

497332. PZaPl 626. Bolivia. Collected October 07, 1981. Villa Serrano, 2km from Concepcion Pampa, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds pink. Cultivated. Seed.

497333. PZaPl 627. Bolivia. Collected October 07, 1981. Store, Villa Serrano, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Local type. Seeds pink. Cultivated. Seed.

497334. PZaPl 628-1. Bolivia. Collected October 07, 1981. Farmer, Villa Serrano, 1 km from Huerta Mayo, Chuquisaca

Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds pink. Cultivated. Seed.

497335. PZaPl 628-2. Bolivia. Collected October 07, 1981. Farmer, Villa Serrano, 1 km from Huerta Mayo, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds tan. Cultivated. Seed.

497336. PZaPl 629-1. Bolivia. Collected October 07, 1981. Store, Villa Serrano, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Reportedly grown by E. Vazques. Seeds pink. Cultivated. Seed.

497337. PZaPl 629-2. Bolivia. Collected October 07, 1981. Store, Villa Serrano, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Reportedly grown by E. Vazques. Seeds tan. Cultivated. Seed.

497338. PZaPl 630. Bolivia. Collected October 07, 1981. Farmer (V. Vazques), Villa Serrano, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds pink. Local name Mani larguillo. Cultivated. Seed.

497339. PZaPl 631-1. Bolivia. Collected October 07, 1981. Farmer (R. Torres), Achiras (30km from Villa Serrano), Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds pink. Cultivated. Seed.

497340. PZaPl 631-2. Bolivia. Collected October 07, 1981. Farmer (R. Torres), Achiras (30km from Villa Serrano), Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, P. Pletikosic. Seeds tan. Cultivated. Seed.

497341. PZaPl 632. Bolivia. Collected October 07, 1981. Farmer (A. Llanos), Kollpa Pampa (4km from Villa Serrano), Chuquisaca Prov. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds pink. Cultivated. Seed.

497342. PZaPl 633-1. Bolivia. Collected October 07, 1981. Farmer (D. Ovando), Escalera (3km from Villa Serrano), Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds pink. Cultivated. Seed.

497343. PZaPl 633-2. Bolivia. Collected October 07, 1981. Farmer (D. Ovando), Escalera (3km from Villa Serrano), Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds tan. Cultivated. Seed.

497344. PZaPl 634-1. Bolivia. Collected October 07, 1981. Farmer (L. Cossio), Pozos (90km from Villa Serrano), Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds pink. Cultivated. Seed.

497345. PZaPl 634-2. Bolivia. Collected October 07, 1981. Farmer (L. Cossio), Pozos (90km from Villa Serrano), Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds tan. Cultivated. Seed.

497346. PZaPl 635. Bolivia. Collected October 07, 1981. Farmer, Huaca-Huasi (5km from Villa Serrano), Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds tan. Local name Mani chaucha colorado. Cultivated. Seed.

497347. PZaPl 636-1. Bolivia. Collected October 07, 1981. Farmer, Huaca-Huasi (5km from Villa Serrano), Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds tan. Local name Mani chaucha blanco. Cultivated. Seed.

497348. PZaPl 637. Bolivia. Collected October 07, 1981. Farmer, Huaca-Huasi (5km from Villa Serrano), Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds purple. Local name Mani chaucha morado. Cultivated. Seed.

497349. PZaPl 638-1. Bolivia. Collected October 07, 1981. Farmer (N. Guzman), Padilla-Silliani, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds pink. Pods small. Cultivated. Seed.

497350. PZaPl 638-2. Bolivia. Collected October 07, 1981. Farmer (N. Guzman), Padilla-Silliani, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds tan. Cultivated. Seed.

497351. PZaPl 638-3. Bolivia. Collected October 07, 1981. Farmer (N. Guzman), Padilla-Silliani, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds pink. Pods large. Cultivated. Seed.

497352. PZaPl 639-1. Bolivia. Collected October 07, 1981. Farmer (N. Guzman), Padilla-Silliani, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, R. Pletikosic. Seeds purple. Local name Mani chaucha morado. Cultivated. Seed.

497353. PZaPl 639-2. Bolivia. Collected October 07, 1981. Farmer (N. Guzman), Padilla-Silliani, Chuquisaca Province. Collected by J. Pietrarelli, R.H. Zanini, P. Pletikosic. Seeds variegated (red and white). Mixed with Mani chaucha morado. Cultivated. Seed.

497354. PZaPl 640-1. Bolivia. Collected October 07, 1981. Corso (5km from Tomina on road to Sucre), Chuquisaca Province.

Collected by J. Pietrarelli, F.H. Zanini, R. Pletikosic. Seeds variegated (red and white). Local name Mani barroso. Cultivated. Seed.

497355. PZaPl 640-2. Bolivia. Collected October 07, 1981. Corso (5km from Tomina on road to Sucre), Chuquisaca Province. Collected by J. Pietrarelli, F.H. Zanini, R. Pletikosic. Seeds tan, mixed with Mani barroso. Cultivated. Seed.

497356. KSSc 805-1. Bolivia. Collected April 26, 1983. Market, Bermejo, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds tan. Cultivated. Seed.

497357. KSSc 805-2. Bolivia. Collected April 26, 1983. Market, Bermejo, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (tan and white). Local name Pintado. Cultivated. Seed.

497358. KSSc 805-3. Bolivia. Collected April 26, 1983. Market, Bermejo, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds pink. Cultivated. Seed.

497359. KSSc 805-4. Bolivia. Collected April 26, 1983. Market, Bermejo, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds tan. Cultivated. Seed.

497360. KSSc 806. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (pink and white). Local name Bayo Americana. Cultivated. Seed.

497361. KSSc 807-1. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (pink and white). Local name Bayo Americana. Cultivated. Seed.

497362. KSSc 807-2. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497363. KSSc 807-3. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds tan. Cultivated. Seed.

497364. KSSc 807-4. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds red. Cultivated. Seed.

497365. KSSc 808-1. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (pink and white). Local name Bayo Americana. Cultivated. Seed.

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497366. KSSc 808-2. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds pink. Cultivated. Seed.

497367. KSSc 808-3. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497368. KSSc 809-1. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds pink. Cultivated. Seed.

497369. KSSc 809-3. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497370. KSSc 810-1. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds pink. Cultivated. Seed.

497371. KSSc 810-2. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (pink and white). Local name Bayo Americana. Cultivated. Seed.

497372. KSSc 811-1. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds pink. Cultivated. Seed.

497373. KSSc 811-2. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (pink and white). Local name Bayo Americana. Cultivated. Seed.

497374. KSSc 812. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds red. Cultivated. Seed.

497375. KSSc 813-1. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (pink and white). Local name Bayo americana. Cultivated. Seed.

497376. KSSc 813-2. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds pink. Cultivated. Seed.

497377. KSSc 814-1. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (pink and white).

Local name Bayo Americana. Cultivated. Seed.

497378. KSSc 814-2. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds tan. Pegs green. Cultivated. Seed.

497379. KSSc 814-3. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497380. KSSc 814-4. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds tan. Pegs purple. Cultivated. Seed.

497381. KSSc 815. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds pink. Cultivated. Seed.

497382. KSSc 816-1. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds pink. Cultivated. Seed.

497383. KSSc 816-2. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (pink and white). Local name Bayo Americana. Cultivated. Seed.

497384. KSSc 816-3. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds tan. Cultivated. Seed.

497385. KSSc 817-1. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds pink. Cultivated. Seed.

497386. KSSc 817-2. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (pink and white). Local name Bayo Americana. Cultivated. Seed.

497387. KSSc 818-1. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, and A. Schinini. Seeds variegated (pink and white). Local name Bayo Americana. Cultivated. Seed.

497388. KSSc 818-2. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds pink. Cultivated. Seed.

497389. KSSc 819-1. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497390. KSSc 819-2. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (pink and white). Local name Bayo Americana. Cultivated. Seed.

497391. KSSc 819-3. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds tan (almost red). Pegs green. Cultivated. Seed.

497392. KSSc 819-4. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds tan. Pegs purple. Cultivated. Seed.

497393. KSSc 819-5. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds red. Cultivated. Seed.

497394. KSSc 820-1. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497395. KSSc 820-2. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds pink. Cultivated. Seed.

497396. KSSc 820-3. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (light red and white). Pods small. Local name Overo (true overo). Cultivated. Seed.

497397. KSSc 821. Bolivia. Collected April 27, 1983. Market, Tarija, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds pink. Cultivated. Seed.

497398. KSScCo 822-1. Bolivia. Collected April 29, 1983. Farmer, 10km east of Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Originally from Yacuiba. Seeds red. Local name Tatu. Cultivated. Seed.

497399. KSScCo 822-2. Bolivia. Collected April 29, 1983. Farmer, 10km east of Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497400. KSScCo 822-3. Bolivia. Collected April 29, 1983. Farmer, 10km east of Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds tan. Cultivated. Seed.

497401. KSScCo 823-1. Bolivia. Collected April 29, 1983. Farmer, 10km east of Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Reportedly from Yacuiba. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497402. KSScCo 823-2. Bolivia. Collected April 29, 1983. Farmer, 10km east of Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Reportedly from Yacuiba. Seeds red. Cultivated. Seed.

497403. KSScCo 824-1. Bolivia. Collected April 29, 1983. Farmer, 7km NE of Entre Rios (1 km W of Villa Montes Rd), Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497404. KSScCo 824-2. Bolivia. Collected April 29, 1983. Farmer, 7km NE of Entre Rios (1 km W of Villa Montes Rd), Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds red. Cultivated. Seed.

497405. KSScCo 824-3. Bolivia. Collected April 29, 1983. Farmer, 7km NE of Entre Rios (1 km W of Villa Montes Rd), Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds tan. Cultivated. Seed.

497406. KSScCo 824-4. Bolivia. Collected April 29, 1983. Farmer, 7km NE of Entre Rios (1 km W of Villa Montes Rd), Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (tan and white). Local name Overo. Cultivated. Seed.

497407. KSScCo 825-1. Bolivia. Collected April 29, 1983. Farmer, 9km NE of Entre Rios (3km W of Villa Montes Rd), Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds tan. Cultivated. Seed.

497408. KSScCo 825-2. Bolivia. Collected April 29, 1983. Farmer, 9km NE of Entre Rios (3km W of Villa Montes Rd), Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds red. Cultivated. Seed.

497409. KSScCo 826-1. Bolivia. Collected April 29, 1983. Farmer, 9km NE of Entre Rios (3km W of Villa Montes Rd), Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (red and white).

497271 TO 497482-continued
Local name Overo. Cultivated. Seed.

497410. KSScCo 826-2. Bolivia. Collected April 29, 1983. Farmer, 9km NE of Entre Rios (3km W of Villa Montes Rd), Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds red. Cultivated. Seed.

497411. KSScCo 826-3. Bolivia. Collected April 29, 1983. Farmer, 9km NE of Entre Rios (3km W of Villa Montes Rd), Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (tan and white). Local name Overo. Cultivated. Seed.

497412. KSScCo 827-1. Bolivia. Collected April 29, 1983. Farmer, Pajonal, 5km NE of Entre Rios (rd to Villa Montes), Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds tan. Cultivated. Seed.

497413. KSScCo 827-2. Bolivia. Collected April 29, 1983. Farmer, Pajonal, 5km NE of Entre Rios (rd to Villa Montes), Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds red. Cultivated. Seed.

497414. KSScCo 828-1. Bolivia. Collected April 29, 1983. Farmer, Pajonal, 5km NE of Entre Rios (rd to Villa Montes), Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497415. KSScCo 828-2. Bolivia. Collected April 29, 1983. Farmer, Pajonal, 5km NE of Entre Rios (rd to Villa Montes), Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds red. Cultivated. Seed.

497416. KSScCo 828-3. Bolivia. Collected April 29, 1983. Farmer, Pajonal, 5km NE of Entre Rios (rd to Villa Montes), Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds tan. Cultivated. Seed.

497417. KSScCo 829-1. Bolivia. Collected April 30, 1983. Sebingal Farm, 25km NE of Entre Rios, 5km N of San Simon, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497418. KSScCo 829-2. Bolivia. Collected April 30, 1983. Sebingal Farm, 25km NE of Entre Rios, 5km N of San Simon, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds red (overo red).

497271 TO 497482-continued
Pods and plants virginia type. Cultivated. Seed.

497419. KSScCo 829-3. Bolivia. Collected April 30, 1983. Sebingal Farm, 25km NE of Entre Rios, 5km N of San Simon, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds red (valencia red). Pods and plants valencia type. Cultivated. Seed.

497420. KSScCo 829-4. Bolivia. Collected April 30, 1983. Sebingal Farm, 25km NE of Entre Rios, 5km N of San Simon, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (red and white). Pods large. Local name Overo. Cultivated. Seed.

497421. KSScCo 830-1. Bolivia. Collected April 30, 1983. Sebingal Farm, 25km NE of Entre Rios, 5km N of San Simon, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds red (valencia red). Cultivated. Seed.

497422. KSScCo 830-2. Bolivia. Collected April 30, 1983. Sebingal Farm, 25km NE of Entre Rios, 5km N of San Simon, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497423. KSScCo 831-1. Bolivia. Collected April 30, 1983. San Simon, 18km NE of Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497424. KSScCo 831-2. Bolivia. Collected April 30, 1983. San Simon, 18km NE of Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds red. Cultivated. Seed.

497425. KSScCo 831-3. Bolivia. Collected April 30, 1983. San Simon, 18km NE of Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (tan and white). Local name Overo. Cultivated. Seed.

497426 [illegible] 832-1. Bolivia. Collected April 30, 1983. Farmer, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds tan. Cultivated. Seed.

497427. KSScCo 832-2. Bolivia. Collected April 30, 1983. Farmer, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (tan and white). Local name Overo. Cultivated. Seed.

497428. KSScCo 832-3. Bolivia. Collected April 30, 1983. Farmer, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497429. KSScCo 832-4. Bolivia. Collected April 30, 1983. Farmer, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds red. Cultivated. Seed.

497430. KSScCo 833-1. Bolivia. Collected April 30, 1983. Farmer, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497431. KSScCo 833-2. Bolivia. Collected April 30, 1983. Farmer, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds red. Cultivated. Seed.

497432. KSScCo 833-3. Bolivia. Collected April 30, 1983. Farmer, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds tan. Cultivated. Seed.

497433. KSScCo 834-1. Bolivia. Collected May 01, 1983. Market, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (pink and white). Local name Bayo Americana. Cultivated. Seed.

497434. KSScCo 834-2. Bolivia. Collected May 01, 1983. Market, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds pink. Cultivated. Seed.

497435. KSScCo 834-3. Bolivia. Collected May 01, 1983. Market, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds red. Cultivated. Seed.

497436. KSScCo 834-4. Bolivia. Collected May 01, 1983. Market, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497437. KSScCo 834-5. Bolivia. Collected May 01, 1983. Market, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds tan. Cultivated. Seed.

497438. KSScCo 835-1. Bolivia. Collected May 01, 1983. Market,

497271 TO 497482-continued

Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497439. KSScCo 835-2. Bolivia. Collected May 01, 1983. Market, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds red (overo red). Cultivated. Seed.

497440. KSScCo 835-3. Bolivia. Collected May 01, 1983. Market, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (tan and white). Local name Overo. Cultivated. Seed.

497441. KSScCo 836-1. Bolivia. Collected May 01, 1983. Market, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds pink. Cultivated. Seed.

497442. KSScCo 836-2. Bolivia. Collected May 01, 1983. Market, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds tan. Cultivated. Seed.

497443. KSScCo 836-3. Bolivia. Collected May 01, 1983. Market, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds purple. Cultivated. Seed.

497444. KSScCo 837-1. Bolivia. Collected May 01, 1983. Market, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497445. KSScCo 837-2. Bolivia. Collected May 01, 1983. Market, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds red (overo red). Cultivated. Seed.

497446. KSScCo 837-3. Bolivia. Collected May 01, 1983. Market, Entre Rios, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini, M. Coro R. Seeds variegated (tan and white). Local name Overo. Cultivated. Seed.

497447. KSSc 838. Bolivia. Collected May 02, 1983. Commercial farm, Puerto Margarita, Rio Pilcomayo, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds red (valencia red). Cultivated. Seed.

497448. KSSc 839-1. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds red (valencia red). Cultivated. Seed.

497449. KSSc 839-2. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds tan. Cultivated. Seed.

497450. KSSc 840-1. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497451. KSSc 840-2. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds red (overo red). Cultivated. Seed.

497452. KSSc 840-3. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (red and light red). Local name Overo. Cultivated. Seed.

497453. KSSc 840-4. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds pink. Cultivated. Seed.

497454. KSSc 841-1. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497455. KSSc 841-2. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds red (overo red). Cultivated. Seed.

497456. KSSc 841-3. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (red and light red). Local name Overo. Cultivated. Seed.

497457. KSSc 841-4. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (pink and white). Local name Bayo Americana. Cultivated. Seed.

497458. KSSc 842. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Reportedly from El Palmar. Seeds pink. Cultivated. Seed.

497459. KSSc 843-1. Bolivia. Collected May 05, 1983. Market,

497271 TO 497482-continued
Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds red. Cultivated. Seed.

497460. KSSc 843-2. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds tan. Cultivated. Seed.

497461. KSSc 844-1. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497462. KSSc 844-2. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds red (overo red). Cultivated. Seed.

497463. KSSc 845-1. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds red. Cultivated. Seed.

497464. KSSc 845-2. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds tan. Cultivated. Seed.

497465. KSSc 846-1. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds red. Cultivated. Seed.

497466. KSSc 846-2. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds tan. Cultivated. Seed.

497467. KSSc 847-1. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds red. Cultivated. Seed.

497468. KSSc 847-2. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds tan. Cultivated. Seed.

497469. KSSc 848. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Reportedly from El Palmar. Seeds red. Cultivated. Seed.

497470. KSSc 849. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Reportedly from Palmar Chico. Seeds red. Cultivated. Seed.

497471. KSSc 850. Bolivia. Collected May 05, 1983. Market, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Reportedly from Yacuiba. Seeds red. Cultivated. Seed.

497472. KSSc 851. Bolivia. Collected May 06, 1983. Store, Villa Montes, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Reportedly from Sanan Dita. Seeds tan. Cultivated. Seed.

497473. KSSc 852-1. Bolivia. Collected May 07, 1983. Market, Yacuiba, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497474. KSSc 852-2. Bolivia. Collected May 07, 1983. Market, Yacuiba, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds red (overo red). Cultivated. Seed.

497475. KSSc 853-1. Bolivia. Collected May 07, 1983. Market, Yacuiba, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (light red and white). Local name Overo. Cultivated. Seed.

497476. KSSc 853-2. Bolivia. Collected May 07, 1983. Market, Yacuiba, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (dark red and white). Local name Overo. Cultivated. Seed.

497477. KSSc 853-3. Bolivia. Collected May 07, 1983. Market, Yacuiba, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds tan. Cultivated. Seed.

497478. KSSc 854-1. Bolivia. Collected May 07, 1983. Market, Yacuiba, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds red. Cultivated. Seed.

497479. KSSc 854-2. Bolivia. Collected May 07, 1983. Market, Yacuiba, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds tan. Cultivated. Seed.

497480. KSSc 854-3. Bolivia. Collected May 07, 1983. Market, Yacuiba, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497481. KSSc 855-1. Bolivia. Collected May 07, 1983. Market, Yacuiba, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (pink and white). Local name Bayo Americana. Cultivated. Seed.

497482. KSSc 855-2. Bolivia. Collected May 07, 1983. Market, Yacuiba, Tarija Province. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Seeds variegated (red and white). Local name Overo. Cultivated. Seed.

497483 TO 497484. Arachis sp. (Fabaceae).

From United States. Donated by Simpson, C.E.; Research and Extension Center, Texas A&M University; Stephenville, Texas. Received through IBPGR, Rome, Italy. Code numbers refer to collector's field numbers.
Received March 1985.

497483. KSSc 38901. Bolivia. Latitude: 21 deg 10 m S; Longitude: 063 deg 25 m W. Collected May 06, 1983. Rd to Camiri, 7km N of Pilcomayo River, 4km N of Villa Montes, Tarija Prov. 500m. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Soil reddish brown sand. Vegetation chaco. Rhizobium vial 518. Annual. Wild. Seed.

497484. KSSc 38902. Bolivia. Latitude: 21 deg 19 m S; Longitude: 063 deg 27 m W. Collected May 07, 1983. Rd to Yacuiba, 13km S of Rio Pilcomayo, Villa Montes, Chaco, Tarija Prov. 450m. Collected by A. Krapovickas, C.E. Simpson, A. Schinini. Soil reddish brown sand with many stones. Vegetation chaco. Rhizobium vial 519. Annual. Wild. Seed.

497485 TO 497526. Arachis hypogaea L. (Fabaceae) Peanut.

From United States. Donated by Simpson, C.E.; Research and Extension Center, Texas A&M University; Stephenville, Texas. Received through IBPGR, Rome, Italy. Code numbers refer to collector's field numbers.
Received March 1985.

497485. VKRSv 6592. Brazil. Brasilia. CENARGEN. BRA 014532. C.E. Simpson 650. Collected March 12, 1982. Market, Imperatriz, Maranhao Province. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Valencia type. Cultivated. Seed.

497486. VKRSv 6593. Brazil. Brasilia. CENARGEN. BRA 014541. C.E. Simpson 651. Collected March 12, 1982. Market, Imperatriz, Maranhao Province. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Valencia type.

Cultivated. Seed.

497487. VKRSv 6594. Brazil. Brasilia. CENARGEN. BRA 014559. C.E. Simpson 652. Collected March 12, 1982. Market, Imperatriz, Maranhao Province. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Valencia type. Cultivated. Seed.

497488. VKRSv 6595. Brazil. Brasilia. CENARGEN. BRA 014567. C.E. Simpson 653. Collected March 12, 1982. Market, Imperatriz, Maranhao Province. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Valencia type. Cultivated. Seed.

497489. VKRSv 6596. Brazil. Brasilia. CENARGEN. BRA 014575. C.E. Simpson 654. Collected March 12, 1982. Market, Imperatriz, Maranhao Province. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Seeds pink. Cultivated. Seed.

497490. VKRSv 6597. Brazil. Brasilia. CENARGEN. BRA 014583. C.E. Simpson 655. Collected March 12, 1982. Market, Imperatriz, Maranhao Province. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Seeds dark purple mixed with PI 497489. Cultivated. Seed.

497491. VKRSv 6639. Brazil. Brasilia. CENARGEN. BRA 014729. C.E. Simpson 656. Collected March 16, 1982. Market, Porto Nacional, Goias Province. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Valencia type. Cultivated. Seed.

497492. VSW 6682. Brazil. Brasilia. CENARGEN. BRA 014800. US 657. Collected April 22, 1982. Market, Francisco SA, Minas Gerais Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds red. Cultivated. Seed.

497493. VSW 6683. Brazil. Brasilia. CENARGEN. BRA 014818. US 658. Collected April 22, 1982. Market, Francisco SA, Minas Gerais Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds tan. Cultivated. Seed.

497494. VSW 6684. Brazil. Brasilia. CENARGEN. BRA 014826. US 659. Collected April 22, 1982. Market, Francisco SA, Minas Gerais Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds purple. Cultivated. Seed.

497495. VSW 6685. Brazil. Brasilia. CENARGEN. BRA 014834. US 660. Collected April 22, 1982. Market, Francisco SA, Minas Gerais Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds purple. Cultivated. Seed.

497496. VSW 6686. Brazil. Brasilia. CENARGEN. BRA 014842. US 661.

Collected April 22, 1982. Market, Francisco SA, Minas Gerais Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds red. Cultivated. Seed.

497497. VSW 6687. Brazil. Brasilia. CENARGEN. BRA 014851. US 662. Collected April 22, 1982. Market, Francisco SA, Minas Gerais Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds purple. Cultivated. Seed.

497498. VSW 6688. Brazil. Brasilia. CENARGEN. BRA 014869. US 663. Collected April 22, 1982. Market, Francisco SA, Minas Gerais Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds red. Cultivated. Seed.

497499. VSW 6689. Brazil. Brasilia. CENARGEN. BRA 014877. US 664. Collected April 22, 1982. Market, Francisco SA, Minas Gerais Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds tan. Cultivated. Seed.

497500. VSW 6698. Brazil. Brasilia. CENARGEN. BRA 014885. US 665. Collected April 23, 1982. Market, Salinas, Minas Gerais Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds dark purple. Cultivated. Seed.

497501. VSW 6699. Brazil. Brasilia. CENARGEN. BRA 014893. US 666. Collected April 23, 1982. Market, Salinas, Minas Gerais Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds red. Cultivated. Seed.

497502. VSW 6700. Brazil. Brasilia. CENARGEN. BRA 014907. US 667. Collected April 23, 1982. Market, Salinas, Minas Gerais Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds tan. Cultivated. Seed.

497503. VSW 6710. Brazil. Brasilia. CENARGEN. BRA 014923. US 668. Collected April 24, 1982. Market, Aracuai, Minas Gerais Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Cultivated. Seed.

497504. VSW 6732. Brazil. Brasilia. CENARGEN. BRA 014958. US 669. Collected April 29, 1982. Vendor, Turmalina, Minas Gerais Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds red. Cultivated. Seed.

497505. VSW 6733. Brazil. Brasilia. CENARGEN. BRA 014966. US 670. Collected April 29, 1982. Vendor, Turmalina, Minas Gerais Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds tan. Cultivated. Seed.

497506. VSW 6734. Brazil. Brasilia. CENARGEN. BRA 014974. US 671. Collected April 29, 1982. Vendor, Turmalina, Minas Gerais Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds purple. Cultivated. Seed.

497507. VSW 6764. Brazil. Brasilia. CENARGEN. BRA 015008. US 672. Collected May 05, 1982. Market, Barreiras, Bahia Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds tan. Cultivated. Seed.

497508. VSW 6765. Brazil. Brasilia. CENARGEN. BRA 015016. US 673. Collected May 05, 1982. Market, Barreiras, Bahia Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds red. Cultivated. Seed.

497509. VSW 6766. Brazil. Brasilia. CENARGEN. BRA 015024. US 674. Collected May 05, 1982. Market, Barreiras, Bahia Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds tan. Cultivated. Seed.

497510. VSW 6769. Brazil. Brasilia. CENARGEN. BRA 015041. US 675. Collected May 05, 1982. Market, Barreiras, Bahia Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds purple. Cultivated. Seed.

497511. VSW 6786. Brazil. Brasilia. CENARGEN. BRA 015105. US 676. Collected May 08, 1982. Market, Santa Maria, Bahia Province. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Seeds red. Cultivated. Seed.

497512. VMoSvGe 7309. Brazil. Brasilia. CENARGEN. BRA 016144. US 856. Collected May 14, 1983. Vendor, on BR-153, Catanduvas, Santa Catarina Province. Collected by J.F.M. Valls, J.P. Moss, G.P. Silva, M.A.N. Gerin. Seeds tan. Local name Guaycuru. Cultivated. Seed.

497513. VMoSvGe 7310. Brazil. Brasilia. CENARGEN. BRA 016152. US 857. Collected May 14, 1983. Vendor, on BR-153, Concordia, Santa Catarina Province. Collected by J.F.M. Valls, J.P. Moss, G.P. Silva, M.A.N. Gerin. Seeds red. Cultivated. Seed.

497514. VSMoSvGe 7339. Brazil. Brasilia. CENARGEN. BRA 016161. US 858. Collected May 17, 1983. Fruit market, Uruguaiana, Rio Grande do Sul Province. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, G.P. Silva, M.A.N. Gerin. Seeds red. Cultivated. Seed.

497515. VSMoSvGe 7340. Brazil. Brasilia. CENARGEN. BRA 016179. US 859. Collected May 17, 1983. Fruit market, Uruguaiana, Rio Grande do Sul Province. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, G.P. Silva, M.A.N. Gerin. Seeds tan. Cultivated. Seed.

497516. VSMoSvGe 7341. Brazil. Brasilia. CENARGEN. BRA 016187. US 860. Collected May 17, 1983. Fruit market, Uruguaiana, Rio Grande do Sul Province. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, G.P. Silva, M.A.N. Gerin. Seeds dark purple. Cultivated. Seed.

497517. VSMoSvGe 7342. Brazil. Brasilia. CENARGEN. BRA 016195. US 861. Collected May 17, 1983. Store, Beva do Quarai, Rio Grande do Sul Province. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, G.P. Silva, M.A.N. Gerin. Seeds red. Cultivated. Seed.

497518. VSMoSvGe 7352. Brazil. Brasilia. CENARGEN. BRA 016209. US 862. Collected May 18, 1983. Vendor, Alegrete, Rio Grande do Sul Province. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, G.P. Silva, M.A.N. Gerin. Seeds red. Cultivated. Seed.

497519. VSMoSvGe 7353. Brazil. Brasilia. CENARGEN. BRA 016217. US 863. Collected May 18, 1983. Vendor, Alegrete, Rio Grande do Sul Province. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, G.P. Silva, M.A.N. Gerin. Seeds tan. Cultivated. Seed.

497520. VSMoSvGe 7354. Brazil. Brasilia. CENARGEN. BRA 016225. US 864. Collected May 18, 1983. Vendor, Alegrete, Rio Grande do Sul Province. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, G.P. Silva, M.A.N. Gerin. Seeds tan. Cultivated. Seed.

497521. VSMoSvGe 7355. Brazil. Brasilia. CENARGEN. BRA 016233. US 865. Collected May 18, 1983. Vendor, Alegrete, Rio Grande do Sul Province. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, G.P. Silva, M.A.N. Gerin. Seeds red. Cultivated. Seed.

497522. VSMoSvGe 7356. Brazil. Brasilia. CENARGEN. BRA 016241. US 866. Collected May 18, 1983. Vendor, Alegrete, Rio Grande do Sul Province. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, G.P. Silva, M.A.N. Gerin. Seeds dark purple. Cultivated. Seed.

497523. VSMoSvGe 7362. Brazil. Brasilia. CENARGEN. BRA 016250. US 867. Collected May 21, 1983. Two km N of Rio Grande do Sul and Santa Catarina state line on BR-101. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, G.P. Silva, M.A.N. Gerin. Seeds red. Cultivated. Seed.

497524. VSMoSvGe 7365. Brazil. Brasilia. CENARGEN. BRA 016268. US 868. Collected May 21, 1983. Farmer, 6km N of Rio Grande do Sul and Santa Catarina state line on BR-101. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, G.P. Silva, M.A.N. Gerin. Seeds tan. Local name Guaycuru. Cultivated. Seed.

497525. VSMoSvGe 7366. Brazil. Brasilia. CENARGEN. BRA 016276.

US 869. Collected May 21, 1983. Farmer, 6km N of Rio Grande do Sul and Santa Catarina state line on BR-101. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, G.P. Silva, M.A.N. Gerin. Seeds red. Local name Tatu. Cultivated. Seed.

497526. VSMoSvGe 7367. Brazil. Brasilia. CENARGEN. BRA 016284. US 870. Collected May 21, 1983. Farmer, 6km N of Rio Grande do Sul and Santa Catarina state line on BR-101. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, G.P. Silva, M.A.N. Gerin. Seeds red. Cultivated. Seed.

497527 TO 497531. Arachis burkartii Handro (Fabaceae).

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497527. VMoGeSv 7317. Brazil. Brasilia. CENARGEN. BRA 016136. Latitude: 28 deg 26 m S; Longitude: 054 deg 58 m W. Collected May 15, 1983. Rd to Vossoroca, Km 447 on BR-285, S of Sao Luiz Gonzaga, Rio Grande do Sul. 230m. Collected by J.F.M. Valls, J.P. Moss, M.A.N. Gerin, G.P. Silva. Perennial Herb. Wild. Seed.

497528. VSMoGeSv 7335. Brazil. Brasilia. CENARGEN. BRA 016080. Latitude: 29 deg 56 m S; Longitude: 057 deg 11 m W. Collected May 17, 1983. Km 198 on BR-472, 17km S of Uruguaiana, Rio Grande do Sul Province. 50m. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, M.A.N. Gerin, G.P. Silva. Rhizobium vial 524. Perennial Herb. Wild. Seed.

497529. VSMoGeSv 7347. Brazil. Brasilia. CENARGEN. BRA 016098. Latitude: 29 deg 54 m S; Longitude: 055 deg 47 m W. Collected May 18, 1983. Km 3 E, bridge on Rio Ibirapuitan, Alegrete, Rio Grande do Sul Province. 70m. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, M.A.N. Gerin, G.P. Silva. Rhizobium vial 527. Perennial Herb. Wild. Seed.

497530. VSMoGeSv 7349. Brazil. Brasilia. CENARGEN. BRA 016101. Latitude: 29 deg 53 m S; Longitude: 055 deg 32 m W. Collected May 18, 1983. Km 458 on BR-290, 30km E of Alegrete, Rio Grande do Sul Province. 140m. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, M.A.N. Gerin, G.P. Silva. Rhizobium vial 528. Perennial Herb. Wild. Seed.

497531. VSMoGeSv 7363. Brazil. Brasilia. CENARGEN. BRA 016047. Latitude: 29 deg 21 m S; Longitude: 049 deg 48 m W. Collected May 21, 1983. Km 6, 200m E of BR-101, at Campo

497527 TO 497531-continued

Bonita, S of Torres, Santa Catarina Prov. 5m. Collected by J.F.M. Valls, C.E. Simpson, J.P. Moss, M.A.N. Gerin, G.P. Silva. Rhizobium vial 531. Perennial Herb. Wild. Seed.

497532. Arachis lutescens Krapovickas & Rigoni (Fabaceae).

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VKRSv 6446. Brazil. Brasilia. CENARGEN. BRA 014338. Latitude: 15 deg 32 m S; Longitude: 049 deg 27 m W. Collected March 02, 1982. Secondary rd W of BR-153, N of Rio Saraiva bridge near Jaragua, Goias Prov. 680m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497533 TO 497534. Arachis marginata Gardner (Fabaceae).

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497533. VKRSv 6652. Brazil. Brasilia. CENARGEN. BRA 014761. Latitude: 11 deg 54 m S; Longitude: 046 deg 27 m W. Collected March 17, 1982. Rd to Barreiras, at Km 54 from Dianopolis, Goias Province. 740m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497534. VSW 6759. Brazil. Brasilia. CENARGEN. BRA 014753. Latitude: 11 deg 37 m S; Longitude: 046 deg 36 m W. Collected May 04, 1982. Sixteen km into Fazenda Agua Limpa, 21km SE of Dianopolis, Goias Prov. 610m. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Rhizobium vial 486. Perennial Herb. Wild. Seed.

497535 TO 497539. Arachis prostrata Benth. (Fabaceae).

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READEX FICHE

497535 TO 497539-continued

497535. VSvVe 6284. Brazil. Brasilia. CENARGEN. BRA 012190. Latitude: 14 deg 56 m S; Longitude: 046 deg 59 m W. Collected June 27, 1981. Four km W of bridge on Rio Extrema on rd BR-020, Flores de Goias, Goias Pro. 500m. Collected by J.F.M. Valls, G.P. Silva, R.F.A. Veiga. Perennial Herb. Wild. Seed.

497536. VKRSv 6475. Brazil. Brasilia. CENARGEN. BRA 014346. Latitude: 14 deg 17 m S; Longitude: 049 deg 09 m W. Collected March 05, 1982. Km 273.2 on BR-153, 5-6km N of Campinorte, Goias Province. 520m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497537. VKRSv 6485. Brazil. Brasilia. CENARGEN. BRA 014354. Latitude: 13 deg 20 m S; Longitude: 049 deg 09 m W. Collected March 03, 1982. West 50m of BR-153, near Km 384, Porangatu, Goias Province. 400m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497538. VKRSv 6638. Brazil. Brasilia. CENARGEN. BRA 014711. Latitude: 10 deg 42 m S; Longitude: 048 deg 24 m W. Collected March 16, 1982. Inundation prone area, E of river at Porto Nacional, Goias Province. 220m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497539. VKRSv 6648. Brazil. Brasilia. CENARGEN. BRA 014745. Latitude: 11 deg 42 m S; Longitude: 046 deg 40 m W. Collected March 17, 1982. Fazenda Agua Limpa, 6km from Dianopolis to Jardim, Goias Province. 400m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497540 TO 497541. Arachis pusilla Benth. (Fabaceae).

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497540. VSW 6772. Brazil. Brasilia. CENARGEN. BRA 015059. Latitude: 12 deg 12 m S; Longitude: 043 deg 36 m W. Collected May 06, 1982. BR-242 between Barreiras and Ibotirama, 15km E of Javi, Bahia Province. 490m. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Rhizobium vial 488. Annual. Wild. Seed.

497541. VSW 6740. Brazil. Brasilia. CENARGEN. BRA 014982.

497540 TO 497541-continued
Latitude: 18 deg 38 m S; Longitude: 044 deg 04 m W. Collected April 30, 1982. Roadside and low areas on BR-259, 85km S of Diamantina, Minas Gerais Prov. 640m. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Rhizobium vial 481. Annual. Wild. Seed.

497542 TO 497545. Arachis sylvestris Cheval. (Fabaceae).

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497542. VKRSv 6547. Brazil. Brasilia. CENARGEN. BRA 014435. Latitude: 08 deg 51 m S; Longitude: 048 deg 31 m W. Collected March 07, 1982. BR-153, 2km S of Guarai, 200m N of small stream, Goias Province. 280m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497543. VKRSv 6575. Brazil. Brasilia. CENARGEN. BRA 014516. Collected March 10, 1982. Km 1192, on BR-226 near Tocantinapolis, Goias Province. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Annual. Wild. Seed.

497544. VSW 6767. Brazil. Brasilia. CENARGEN. BRA 015032. Latitude: 12 deg 08 m S; Longitude: 044 deg 58 m W. Collected May 05, 1982. BR-242, 4km ENE of Barreiras, Bahia Province. 460m. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Rhizobium vial 487. Annual. Wild. Seed.

497545. VSW 6785. Brazil. Brasilia. CENARGEN. BRA 015091. Latitude: 13 deg 23 m S; Longitude: 044 deg 05 m W. Collected May 08, 1982. Low meadow, 74km W of Rio Sao Francisco, 13km E of Rio Corrente, Bahia Prov. 450m. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Surrounded by dense caatinga arbor. Annual. Wild. Seed.

497546 TO 497581. Arachis sp. (Fabaceae).

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497546. AViW 2796. Brazil. Brasilia. CENARGEN. BRA 015229. Latitude: 15 deg 37 m S; Longitude: 052 deg 13 m W.

497546 TO 497581-continued

Collected March 11, 1982. Km 38 on BR-158, between Barra do Garcas and Xavantina, Mato Grosso Prov. 450m. Collected by A.C. Allem, J.G.A. Vieira, W.L. Werneck. Annual. Wild. Seed.

497547. VSGrCu 6324. Brazil. Brasilia. CENARGEN. BRA 012572. Latitude: 15 deg 36 m S; Longitude: 056 deg 05 m W. Collected August 20, 1981. Campus of Federal University of Mato Grosso, Cuiaba, Mato Grosso Province. 200m. Collected by J.F.M. Valls, C.E. Simpson, A. Gripp, C.N. Cunha. Ornamental. Perennial Herb. Cultivated. Seed.

497548. VKRSv 6496. Brazil. Brasilia. CENARGEN. BRA 014362. Latitude: 11 deg 48 m S; Longitude: 049 deg 34 m W. Collected March 04, 1982. Road to Rio Javae, 2km past Formoso, Formoso do Araguaia, Goias Province. 280m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497549. VKRSv 6530. Brazil. Brasilia. CENARGEN. BRA 014397. Latitude: 11 deg 23 m S; Longitude: 048 deg 58 m W. Collected March 06, 1982. Km 42 N of Gurupi on BR-153 past Cristalandia, Goias Province. 320m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497550. VKRSv 6532. Brazil. Brasilia. CENARGEN. BRA 014401. Latitude: 10 deg 34 m S; Longitude: 048 deg 54 m W. Collected March 06, 1982. Cerrado, W of circle on BR-153, 200m N of bridge, Rosalandia Pelo Sul,Goias. 280m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497551. VKRSv 6536. Brazil. Brasilia. CENARGEN. BRA 014419. Latitude: 09 deg 29 m S; Longitude: 048 deg 36 m W. Collected March 07, 1982. Near Km 840 on BR-153, 13km S of bridge on Rio dos Bois, Goias Province. 250m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Annual. Wild. Seed.

497552. VKRSv 6540. Brazil. Brasilia. CENARGEN. BRA 014427. Latitude: 09 deg 20 m S; Longitude: 048 deg 33 m W. Collected March 07, 1982. One km N of bridge on Rio dos Bois, along BR-153, Miracema do Norte, Goias. 180m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497553. VKRSv 6554. Brazil. Brasilia. CENARGEN. BRA 014443. Latitude: 08 deg 22 m S; Longitude: 048 deg 30 m W. Collected March 08, 1982. Edge of access road to Fazenda a Leste on BR-153, Tupiratins, Goias Prov. 290m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497554. VKRSv 6555. Brazil. Brasilia. CENARGEN. BRA 014451. Latitude: 07 deg 53 m S; Longitude: 048 deg 27 m W. Collected March 08, 1982. Cerrado, Km 1015.4 on BR-153, 18km N of Colinas de Goias, Goias Province. 300m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497555. VKRSv 6556. Brazil. Brasilia. CENARGEN. BRA 014460. Latitude: 07 deg 13 m S; Longitude: 048 deg 14 m W. Collected March 09, 1982. Edge of BR-153, after Km 1097, 3km S of Araguaina, Goias Province. 210m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497556. VKRSv 6559. Brazil. Brasilia. CENARGEN. BRA 014486. Latitude: 06 deg 57 m S; Longitude: 048 deg 05 m W. Collected March 10, 1982. Km 1136 on BR-226, 450m N of rd to Tambioa & Faixa de Dominio a Leste,Goias. 270m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497557. VKRSv 6566. Brazil. Brasilia. CENARGEN. BRA 014494. Latitude: 06 deg 55 m S; Longitude: 048 deg 02 m W. Collected March 10, 1982. Entrance to Fazenda Logo Apos at marker Km 1141 on BR-226, Goias Province. 270m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497558. VKRSv 6574. Brazil. Brasilia. CENARGEN. BRA 014508. Latitude: 06 deg 40 m S; Longitude: 047 deg 44 m W. Collected March 10, 1982. Border of cerrado at Km 1192.2 on BR-226 nr Tocantinopolis, Goias Province. 200m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497559. VKRSv 6605. Brazil. Brasilia. CENARGEN. BRA 014613. Latitude: 05 deg 58 m S; Longitude: 047 deg 22 m W. Collected March 12, 1982. Nr Km 1295 on BR-010, 6km N of Pio Airaias, Montes Altos, Maranhao Province. 170m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497560. VKRSv 6633. Brazil. Brasilia. CENARGEN. BRA 014672. Latitude: 10 deg 13 m S; Longitude: 048 deg 48 m W. Collected March 15, 1982. Rd to Porto Nacional, 11-12km past Paraiso do Norte de Goias, Goias Prov. 340m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497561. VKRSv 6636. Brazil. Brasilia. CENARGEN. BRA 014699. Latitude: 10 deg 17 m S; Longitude: 048 deg 42 m W. Collected March 15, 1982. Rd to Porto Nacional, 24km SE

497546 TO 497581-continued

of Paraiso do Norte de Goias, Goias Province. 300m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497562. VKRSv 6609. Brazil. Brasilia. CENARGEN. BRA 014621. Latitude: 07 deg 22 m S; Longitude: 047 deg 21 m W. Collected March 13, 1982. Rd to Balsas on BR-230, 11.8km E of Carolina, Maranhao Province. 170m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497563. VKRSv 6611. Brazil. Brasilia. CENARGEN. BRA 014648. Latitude: 07 deg 22 m S; Longitude: 047 deg 21 m W. Collected March 13, 1982. Road to Balsas, 12km east of Carolina, Maranhao Province. 170m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497564. VKRSv 6612. Brazil. Brasilia. CENARGEN. BRA 014656. Latitude: 07 deg 21 m S; Longitude: 047 deg 24 m W. Collected March 13, 1982. Road to Balsas, 5km east of Carolina, Maranhao Province. 170m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497565. VKRSv 6626. Brazil. Brasilia. CENARGEN. BRA 014664. Latitude: 07 deg 25 m S; Longitude: 047 deg 37 m W. Collected March 13, 1982. Rd from Filadelfia to Araguaina, 16km SE of Porto de Filadelfia, Goias Prov. 170m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497566. VKRSv 6637. Brazil. Brasilia. CENARGEN. BRA 014702. Latitude: 10 deg 27 m S; Longitude: 048 deg 35 m W. Collected March 15, 1982. Rd between Paraiso do Norte & Porte Nacional, 32km W of bridge, Goias Prov. 300m. Collected by J.F.M. Valls, A. Krapovickas, V.R. Rao, G.P. Silva. Perennial Herb. Wild. Seed.

497567. VSW 6676. Brazil. Brasilia. CENARGEN. BRA 014796. Latitude: 17 deg 14 m S; Longitude: 044 deg 26 m W. Collected April 21, 1982. Rio Jequitai, just S of Jequitai, on BR-365, Minas Gerais Province. 520m. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Rhizobium vial 477. Annual. Wild. Seed.

497568. VSW 6709. Brazil. Brasilia. CENARGEN. BRA 014915. Latitude: 16 deg 41 m S; Longitude: 042 deg 10 m W. Collected April 23, 1982. Meadow, Fazenda Alagacido, 6-7km S of Rio Jequitinhonha bridge, Minas Gerais. 310m. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Rhizobium vial 478. Annual. Wild. Seed.

497569. VSW 6727. Brazil. Brasilia. CENARGEN. BRA 014931. Latitude: 16 deg 50 m S; Longitude: 042 deg 05 m W. Collected April 28, 1982. One km W of Aracuai in flood plain of Rio Aracuai, Minas Gerais Province. 280m. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Brown silty loam growing in dense meadow of Paspalum maximum. Rhizobium vial 479. Perennial Herb. Wild. Seed.

497570. VSW 6728. Brazil. Brasilia. CENARGEN. BRA 014940. Latitude: 16 deg 53 m S; Longitude: 042 deg 07 m W. Collected April 28, 1982. Road to Francisco Badaro, 8km S of Aracuai, Minas Gerais Province. 360m. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Low meadow in grey loamy -silt. Rhizobium vial 480. Perennial Herb. Wild. Seed.

497571. VSW 6655. Brazil. Brasilia. CENARGEN. BRA 012238. Latitude: 12 deg 21 m S; Longitude: 045 deg 13 m W. Collected May 07, 1982. Road to Bom Jesus de Lapa, 21km S of Ibotirama, Bahia Province. 360m. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Rhizobium vial 489. Annual. Wild. Seed.

497572. VSW 6773. Brazil. Brasilia. CENARGEN. BRA 015067. Latitude: 12 deg 28 m S; Longitude: 043 deg 10 m W. Collected May 07, 1982. Road to Bom Jesus de Lapa, 41km S of Ibotirama, Bahia Province. 410m. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Rhizobium vial 490. Perennial Herb. Wild. Seed.

497573. VSW 6781. Brazil. Brasilia. CENARGEN. BRA 015075. Latitude: 12 deg 45 m S; Longitude: 043 deg 13 m W. Collected May 07, 1982. Road to Bom Jesus de Lapa, 7km S of Paratinga, Bahia Province. 430m. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. White sand surrounding low area with water. Rhizobium vial 491. Perennial Herb. Wild. Seed.

497574. VSW 6784. Brazil. Brasilia. CENARGEN. BRA 015083. Latitude: 13 deg 23 m S; Longitude: 044 deg 05 m W. Collected May 08, 1982. Road from Bom Jesus de Lapa, 74km W of Rio Sao Francisco, Bahia Province. 450m. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Low meadow surrounded by dense caatinga arbor. Rhizobium vial 492. Perennial Herb. Wild. Seed.

497575. VSW 6791. Brazil. Brasilia. CENARGEN. BRA 015121. Latitude: 15 deg 26 m S; Longitude: 047 deg 21 m W. Collected May 12, 1982. Low meadow, N bank of Rio Bandeirinha, 12km NNW of Formosa, Goias Province. 820m. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Rhizobium vial 493. Perennial Herb. Wild. Seed.

497576. VSW 6792. Brazil. Brasilia. CENARGEN. BRA 015130. Latitude: 15 deg 25 m S; Longitude: 047 deg 21 m W. Collected May 12, 1982. North bank of Rio Bandeirinha, 12km NNW of Formosa, Goias Province. 810m. Collected by J.F.M. Valls, C.E. Simpson, W.L. Werneck. Rhizobium vial 894. Perennial Herb. Wild. Seed.

497577. VMoGeSv 7303. Brazil. Brasilia. CENARGEN. BRA 016039. Latitude: 19 deg 58 m S; Longitude: 047 deg 47 m W. Collected May 11, 1983. Garden, country club of Uberaba Co., BR-050 nr Rio Grande,Minas Gerais Prov. 490m. Collected by J.F.M. Valls, J.P. Moss, M.A.N. Gerin, G.P. Silva. Perennial Herb. Wild. Seed.

497578. VMoGeSv 7377. Brazil. Brasilia. CENARGEN. BRA 016055. Latitude: 25 deg 26 m S; Longitude: 048 deg 43 m W. Collected May 24, 1983. Roadside by coal yard between Antonina & Ponta da Pita, Parana Province. 3m. Collected by J.F.M. Valls, J.P. Moss, M.A.N. Gerin, G.P. Silva. Rhizobium vial 532(7378). Annual. Wild. Seed.

497579. VMoGeSv 7379. Brazil. Brasilia. CENARGEN. BRA 016063. Latitude: 25 deg 26 m S; Longitude: 048 deg 42 m W. Collected May 24, 1983. Approx. 200m from shore of bay, Ponta da Pita, Parana Province. 3m. Collected by J.F.M. Valls, J.P. Moss, M.A.N. Gerin, G.P. Silva. Rhizobium vial 533(7380). Annual. Wild. Seed.

497580. VSSv 7382. Brazil. Brasilia. CENARGEN. BRA 016071. Latitude: 23 deg 46 m S; Longitude: 045 deg 24 m W. Collected May 27, 1983. Street, Francisco Cruz Maldonado, 375m W of cemetery, Sao Paulo Province. 15m. Collected by J.F.M. Valls, C.E. Simpson, G.P. Silva. Rhizobium vial 539 and 540 (7383). Annual. Wild. Seed.

497581. VSSv 7384. Brazil. Brasilia. CENARGEN. BRA 016128. Latitude: 23 deg 45 m S; Longitude: 045 deg 24 m W. Collected May 27, 1983. BR-101 at "Sao Francisco" school, 2km N of cemetery, Sao Paulo Province. 15m. Collected by J.F.M. Valls, J.P. Moss, M.A.N. Gerin, G.P. Silva. Annual. Wild. Seed.

497582 TO 497670. Arachis hypogaea L. (Fabaceae) Peanut.

From United States. Donated by Banks, D.J.; USDA-ARS, Department of Agronomy, Oklahoma State University; Stillwater, Oklahoma. Received through IBPGR, Rome, Italy. Code numbers refer to collector's field numbers. Received March 1985.

497582. BPZV1 681. Ecuador. Latitude:. Collected May 11, 1983.

497582 TO 497670-continued
Market, Sangolqui, 15km SE of Quito. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., F. Valenzuela. Seeds purple. Annual. Cultivated. Seed.

497583. BPZV1 682. Ecuador. Latitude:. Collected May 11, 1983. Store, Sangolqui. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., F. Valenzuela. Reportedly from coast. Seeds purple. Annual. Cultivated. Seed.

497584. BPZ 683-1. Ecuador. Latitude:. Collected May 11, 1983. Plaza San Francisco, Quito. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O. Seeds variegated (light purple with tan tips). Annual. Cultivated. Seed.

497585. BPZ 683-2. Ecuador. Latitude:. Collected May 11, 1983. Plaza San Francisco, Quito. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O. Seeds purple. Annual. Cultivated. Seed.

497586. BPZ 683-3. Ecuador. Latitude:. Collected May 11, 1983. Plaza San Francisco, Quito. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O. Seeds tan. Annual. Cultivated. Seed.

497587. BPZ 683-4. Ecuador. Latitude:. Collected May 11, 1983. Plaza San Francisco, Quito. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O. Seeds variegated (striped purple on tan). Annual. Cultivated. Seed.

497588. BPZ 684. Ecuador. Latitude:. Collected May 11, 1983. Plaza San Francisco, Quito. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O. Seeds red. Annual. Cultivated. Seed.

497589. BPZ 685. Ecuador. Latitude:. Collected May 11, 1983. Plaza San Francisco, Quito. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O. Reportedly from coast. Local name Rosita. Seeds red. Annual. Cultivated. Seed.

497590. BPZ 686-1. Ecuador. Latitude:. Collected May 11, 1983. Plaza San Francisco, Quito. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O. Reportedly from Manabi. Seeds tan. Local name Pepon. Annual. Cultivated. Seed.

497591. BPZ 686-2. Ecuador. Latitude:. Collected May 11, 1983. Plaza San Francisco, Quito. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O. Reportedly from Manabi. Seeds variegated (red and white). Local name Pepon. Annual. Cultivated. Seed.

497592. BPZ 686-3. Ecuador. Latitude:. Collected May 11, 1983. Plaza San Francisco, Quito. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O. Reportedly from Manabi. Seeds red. Local name Pepon. Annual. Cultivated. Seed.

497593. BPZ 687. Ecuador. Latitude:. Collected May 11, 1983. Plaza San Francisco, Quito. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O. Reportedly from Manabi. Seeds variegated (red and white). Local name Higuerilla. Annual. Cultivated. Seed.

497594. BPZ 688. Ecuador. Latitude:. Collected May 11, 1983. Plaza San Francisco, Quito. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O. Reportedly from Manabi. Seeds dark purple. Annual. Cultivated. Seed.

497595. BPZ 689. Ecuador. Latitude: 02 deg 10 m S; Longitude: 079 deg 35 m W. Collected May 12, 1983. Boliche Experiment Station. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O. Reportedly from Manabi. Seeds purple. Local name Boliche. Annual. Cultivated. Seed.

497596. BPZ 690. Ecuador. Latitude: 02 deg 10 m S; Longitude: 079 deg 35 m W. Collected May 12, 1983. Boliche Experiment Station. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O. Seeds red. Local name Santa Rosa. Annual. Cultivated. Seed.

497597. BPZ 691. Ecuador. Latitude: 02 deg 10 m S; Longitude: 079 deg 35 m W. Collected May 12, 1983. Boliche Experiment Station. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O. Reportedly from Amazonas. Seeds dark purple. Local name Rojo del Oriente. Annual. Cultivated. Seed.

497598. BPZHa 692-1. Ecuador. Latitude: 01 deg 38 m S; Longitude: 080 deg 09 m W. Collected May 13, 1983. Store, Pedro Carbo, 63km NW of Guayaquil. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds tan. Local name Pepon. Annual. Cultivated. Seed.

497599. BPZHa 692-2. Ecuador. Latitude: 01 deg 38 m S; Longitude: 080 deg 09 m W. Collected May 13, 1983. Store, Pedro Carbo, 63km NW of Guayaquil. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O, L.E. Haro. Seeds red. Local name Pepon. Annual. Cultivated. Seed.

497600. BPZHa 693-1. Ecuador. Latitude: 01 deg 38 m S; Longitude: 080 deg 09 m W. Collected May 13, 1983. Store, Pedro Carbo, 63km NW of Guayaquil. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds purple. Local name Charapoto. Annual. Cultivated. Seed.

497601. BPZHa 693-2. Ecuador. Latitude: 01 deg 38 m S; Longitude: 080 deg 09 m W. Collected May 13, 1983. Store, Pedro Carbo, 63km NW of Guayaquil. Collected by D.J.

Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds red. Local name Charapoto. Annual. Cultivated. Seed.

497602. BPZHa 693-3. Ecuador. Latitude: 01 deg 38 m S; Longitude: 080 deg 09 m W. Collected May 13, 1983. Store, Pedro Carbo, 63km NW of Guayaquil. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds tan. Local name Charapoto. Annual. Cultivated. Seed.

497603. BPZHa 693-4. Ecuador. Latitude: 01 deg 38 m S; Longitude: 080 deg 09 m W. Collected May 13, 1983. Store, Pedro Carbo, 63km NW of Guayaquil. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds variegated (red and white). Local name Charapoto. Annual. Cultivated. Seed.

497604. BPZHa 694. Ecuador. Latitude: 01 deg 38 m S; Longitude: 080 deg 09 m W. Collected May 13, 1983. Store, Pedro Carbo, 63km NW of Guayaquil. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds red. Local name Rosita. Annual. Cultivated. Seed.

497605. BPZHa 695-1. Ecuador. Latitude: 01 deg 38 m S; Longitude: 080 deg 09 m W. Collected May 13, 1983. Store, Pedro Carbo, 63km NW of Guayaquil. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds tan. Local name Pepon. Annual. Cultivated. Seed.

497606. BPZHa 695-2. Ecuador. Latitude: 01 deg 38 m S; Longitude: 080 deg 09 m W. Collected May 13, 1983. Store, Pedro Carbo, 63km NW of Guayaquil. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds red. Local name Pepon. Annual. Cultivated. Seed.

497607. BPZHa 695-3. Ecuador. Latitude: 01 deg 38 m S; Longitude: 080 deg 09 m W. Collected May 13, 1983. Store, Pedro Carbo, 63km NW of Guayaquil. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds purple. Local name Pepon. Annual. Cultivated. Seed.

497608. BPZHa 696. Ecuador. Latitude: 01 deg 51 m S; Longitude: 079 deg 58 m W. Collected May 13, 1983. Farm, J. Zambrano, 35km SE of Pedro Carbo, Bachiller area. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds purple. Annual. Cultivated. Seed.

497609. BPZHa 697-1. Ecuador. Latitude: 01 deg 51 m S; Longitude: 079 deg 58 m W. Collected May 13, 1983. Farm, J. Zambrano, 35km SE of Pedro Carbo, Bachiller area. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds red. Local name Rosita. Annual. Cultivated. Seed.

497610. BPZHa 697-2. Ecuador. Latitude: 01 deg 51 m S; Longitude: 079 deg 58 m W. Collected May 13, 1983. Farm, J. Zambrano, 35km SE of Pedro Carbo, Bachiller area. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds tan. Local name Rosita. Annual. Cultivated. Seed.

497611. PBZHa 698-1. Ecuador. Latitude: 03 deg 39 m S; Longitude: 079 deg 43 m W. Collected May 13, 1983. Store, Loma de Sargentillo. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds red. Local name Rosita. Annual. Cultivated. Seed.

497612. BPZHa 698-2. Ecuador. Latitude: 03 deg 39 m S; Longitude: 079 deg 43 m W. Collected May 13, 1983. Store, Loma de Sargentillo. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds tan. Local name Rosita. Annual. Cultivated. Seed.

497613. BPZHa 699. Ecuador. Latitude: 03 deg 39 m S; Longitude: 079 deg 43 m W. Collected May 16, 1983. Store, Pinas, 45km SE of Machala. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds mixed (purple to nearly tan). Annual. Cultivated. Seed.

497614. BPZHa 700-1. Ecuador. Latitude: 03 deg 39 m S; Longitude: 079 deg 43 m W. Collected May 16, 1983. Store, Pinas, 45km SE of Machala. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds variegated (purple with tan tips). Annual. Cultivated. Seed.

497615. BPZHa 700-2. Ecuador. Latitude: 03 deg 39 m S; Longitude: 079 deg 43 m W. Collected May 16, 1983. Store, Pinas, 45km SE of Machala. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds purple. Annual. Cultivated. Seed.

497616. BPZHa 700-3. Ecuador. Latitude: 03 deg 39 m S; Longitude: 079 deg 43 m W. Collected May 16, 1983. Store, Pinas, 45km SE of Machala. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds tan. Annual. Cultivated. Seed.

497617. BPZHa 700-4. Ecuador. Latitude: 03 deg 39 m S; Longitude: 079 deg 43 m W. Collected May 16, 1983. Store, Pinas, 45km SE of Machala. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seed variegated (striped tan on purple). Annual. Cultivated. Seed.

497618. BPZHa 701. Ecuador. Latitude: 03 deg 39 m S; Longitude:

079 deg 43 m W. Collected May 16, 1983. Market, Pinas, 45km SE of Machala. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds variegated (purple with tan tips). Annual. Cultivated. Seed.

497619. BPZHa 702. Ecuador. Latitude: 03 deg 39 m S; Longitude: 079 deg 43 m W. Collected May 16, 1983. Market, Pinas, 45km SE of Machala. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds variegated (purple with tan tips). Annual. Cultivated. Seed.

497620. BPZHa 703-1. Ecuador. Latitude: 03 deg 39 m S; Longitude: 079 deg 43 m W. Collected May 16, 1983. Market, Pinas, 45km SE of Machala. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds purple. Local name Charapoto. Annual. Cultivated. Seed.

497621. BPZHa 703-2. Ecuador. Latitude: 03 deg 39 m S; Longitude: 079 deg 43 m W. Collected May 16, 1983. Market, Pinas, 45km SE of Machala. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds tan. Local name Charapoto. Annual. Cultivated. Seed.

497622. BPZHa 703-3. Ecuador. Latitude: 03 deg 39 m S; Longitude: 079 deg 43 m W. Collected May 16, 1983. Market, Pinas, 45km SE of Machala. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds variegated (purple with tan tips). Local name Charapoto. Annual. Cultivated. Seed.

497623. BPZHa 704-1. Ecuador. Latitude: 03 deg 40 m S; Longitude: 079 deg 37 m W. Collected May 17, 1983. Market, Zaruma. 1100m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds purple. Annual. Cultivated. Seed.

497624. BPZHa 704-2. Ecuador. Latitude: 03 deg 40 m S; Longitude: 079 deg 37 m W. Collected May 17, 1983. Market, Zaruma. 1100m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds pink. Annual. Cultivated. Seed.

497625. BPZHa 704-3. Ecuador. Latitude: 03 deg 40 m S; Longitude: 079 deg 37 m W. Collected May 17, 1983. Market, Zaruma. 1100m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds variegated (purple with tan tips). Annual. Cultivated. Seed.

497626. BPZHa 704-4. Ecuador. Latitude: 03 deg 40 m S; Longitude: 079 deg 37 m W. Collected May 17, 1983. Market, Zaruma. 1100m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds tan. Annual. Cultivated. Seed.

497627. BPZHa 705-1. Ecuador. Latitude: 03 deg 40 m S; Longitude: 079 deg 37 m W. Collected May 17, 1983. Market, Zaruma. 1100m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds purple. Annual. Cultivated. Seed.

497628. BPZHa 705-2. Ecuador. Latitude: 03 deg 40 m S; Longitude: 079 deg 37 m W. Collected May 17, 1983. Market, Zaruma. 1100m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds pink. Annual. Cultivated. Seed.

497629. BPZHa 705-3. Ecuador. Latitude: 03 deg 40 m S; Longitude: 079 deg 37 m W. Collected May 17, 1983. Market, Zaruma. 1100m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds variegated (purple with tan tips). Annual. Cultivated. Seed.

497630. BPZHa 706-1. Ecuador. Latitude: 03 deg 44 m S; Longitude: 079 deg 37 m W. Collected May 17, 1983. Farm, 5km N of Portovelo (Faique area). 640m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds purple. Annual. Cultivated. Seed.

497631. BPZHa 706-2. Ecuador. Latitude: 03 deg 44 m S; Longitude: 079 deg 37 m W. Collected May 17, 1983. Farm, 5km N of Portovelo (Faique area). 640m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds tan. Annual. Cultivated. Seed.

497632. BPZHa 707-1. Ecuador. Latitude: 03 deg 45 m S; Longitude: 079 deg 38 m W. Collected May 17, 1983. Market, Portovelo. 640m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds variegated (purple with tan tips). Annual. Cultivated. Seed.

497633. BPZHa 707-2. Ecuador. Latitude: 03 deg 45 m S; Longitude: 079 deg 38 m W. Collected May 17, 1983. Market, Portovelo. 640m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds tan. Annual. Cultivated. Seed.

497634. BPZHa 708. Ecuador. Latitude: 03 deg 59 m S; Longitude: 079 deg 25 m W. Collected May 17, 1983. Farm, J. Ermenegildo, El Pindo Bado Ancho. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds purple. Local name Huasquillo. Rhizobium vial 501. Annual. Cultivated. Seed.

497635. BPZHa 709. Ecuador. Latitude: 03 deg 59 m S; Longitude: 079 deg 25 m W. Collected May 17, 1983. Farm, J. Ermenegildo, El Pindo Pado Ancho. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Seeds purple. Local name Bolon. Annual. Cultivated. Seed.

497636. BPZHa 710. Ecuador. Latitude: 03 deg 59 m S; Longitude: 079 deg 18 m W. Collected May 17, 1983. Farm, Ambocos. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds purple. Rhizobium vial 502. Annual. Cultivated. Seed.

497637. BPZHaAn 711. Ecuador. Latitude: 03 deg 59 m S; Longitude: 079 deg 13 m W. Collected May 17, 1983. Market, Loja. 2100m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Reportedly from Catacocha. Seeds purple. Local name Criolla. Annual. Cultivated. Seed.

497638. BPZHaAn 712. Ecuador. Latitude: 04 deg 02 m S; Longitude: 079 deg 38 m W. Collected May 18, 1983. Store, Catacocha. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Local type. Seeds dark purple. Local name Charapoto. Annual. Cultivated. Seed.

497639. BPZHaAn 713. Ecuador. Latitude: 04 deg 02 m S; Longitude: 079 deg 38 m W. Collected May 18, 1983. Store, Catacocha. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Reportedly from Yamana. Seeds purple. Annual. Cultivated. Seed.

497640. BPZHaAn 714. Ecuador. Latitude: 04 deg 02 m S; Longitude: 079 deg 38 m W. Collected May 18, 1983. Store, Catacocha. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Reportedly from Yamana. Seeds purple. Annual. Cultivated. Seed.

497641. BPZHaAn 715. Ecuador. Latitude: 04 deg 02 m S; Longitude: 079 deg 38 m W. Collected May 18, 1983. Store, Catacocha. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Reportedly from Kasanga. Seeds purple. Annual. Cultivated. Seed.

497642. BPZHaAn 716. Ecuador. Latitude: 04 deg 02 m S; Longitude: 079 deg 38 m W. Collected May 18, 1983. Store, Catacocha. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Reportedly from San Antonio. Seeds dark purple. Annual. Cultivated. Seed.

497643. BPZHaAn 717-1. Ecuador. Latitude: 04 deg 02 m S; Longitude: 079 deg 38 m W. Collected May 18, 1983. Store, Catacocha. Collected by D.J. Banks, J. Pietrarelli, H.

497582 TO 497670-continued

Zurita O., L.E. Haro, V. Anzules. Reportedly from Sabanilla. Seeds purple. Annual. Cultivated. Seed.

497644. BPZHaAn 717-2. Ecuador. Latitude: 04 deg 02 m S; Longitude: 079 deg 38 m W. Collected May 18, 1983. Store, Catacocha. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Reportedly from Sabanilla. Seeds tan. Annual. Cultivated. Seed.

497645. BPZHaAn 718. Ecuador. Latitude: 04 deg 02 m S; Longitude: 079 deg 38 m W. Collected May 18, 1983. Store, Catacocha. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Reportedly from Opoluca. Seeds purple. Annual. Cultivated. Seed.

497646. BPZHaAn 719. Ecuador. Latitude: 04 deg 02 m S; Longitude: 079 deg 38 m W. Collected May 18, 1983. Store, Catacocha. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Reportedly from San Antonio. Seeds variegated (purple with tan tips). Annual. Cultivated. Seed.

497647. BPZHaAn 720. Ecuador. Latitude: 04 deg 02 m S; Longitude: 079 deg 40 m W. Collected May 18, 1983. Farm, P. Revoliedo, Yamana. 1080m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Local type. Seeds purple. Local name Criolla. Rhizobium vial 504. Annual. Cultivated. Seed.

497648. BPZHaAn 721. Ecuador. Latitude: 04 deg 02 m S; Longitude: 079 deg 40 m W. Collected May 18, 1983. Farm, Casanga. 1050m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Local type. Seeds purple. Local name Catalan. Annual. Cultivated. Seed.

497649. BPZHaAn 722. Ecuador. Latitude: 04 deg 02 m S; Longitude: 079 deg 40 m W. Collected May 18, 1983. Farm, Casanga. 1050m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Local type. Seeds purple. Local name Criolla and Catalan. Annual. Cultivated. Seed.

497650. BPZHaAn 723. Ecuador. Latitude: 04 deg 02 m S; Longitude: 079 deg 40 m W. Collected May 18, 1983. Farm, Casanga. 1050m. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Local type. Seeds dark purple. Local name Zapotepamba. Annual. Cultivated. Seed.

497651. BPZHaAn 724. Ecuador. Latitude: 04 deg 22 m S; Longitude: 080 deg W. Collected May 19, 1983. Market, Macara. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Local type. Seeds purple. Local name Criolla. Annual. Cultivated. Seed.

497652. BPZHaAn 725-1. Ecuador. Latitude: 04 deg 22 m S; Longitude: 080 deg W. Collected May 19, 1983. Market, Macara. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Local type. Seeds variegated (purple with tan tips). Local name Criolla. Annual. Cultivated. Seed.

497653. BPZHaAn 725-2. Ecuador. Latitude: 04 deg 22 m S; Longitude: 080 deg W. Collected May 19, 1983. Market, Macara. Collected by D.J. Banks, J. Pietrarelli, H. Zurita C., L.E. Haro, V. Anzules. Local type. Seeds purple. Local name Criolla. Annual. Cultivated. Seed.

497654. BPZHaAn 726. Ecuador. Latitude: 04 deg 22 m S; Longitude: 080 deg W. Collected May 19, 1983. Market, Macara. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Reportedly from La Guatara. Seeds purple. Local name Criolla. Annual. Cultivated. Seed.

497655. BPZHaAn 727. Ecuador. Latitude: 04 deg 22 m S; Longitude: 080 deg W. Collected May 19, 1983. Market, Macara. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro, V. Anzules. Reportedly from La Guatara. Seeds purple. Local name Criolla. Annual. Cultivated. Seed.

497656. BPZHa 728-1. Ecuador. Latitude: 04 deg S; Longitude: 079 deg 39 m W. Collected May 19, 1983. Farm, Yurusali, 31km from Catacocha on road to Chaguarpamba. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds purple. Local name Criolla. Annual. Cultivated. Seed.

497657. BPZHa 728-2. Ecuador. Latitude: 04 deg S; Longitude: 079 deg 39 m W. Collected May 19, 1983. Farm, Yurusali, 31km from Catacocha on road to Chaguarpamba. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds tan. Local name Criolla. Annual. Cultivated. Seed.

497658. BPZHa 728-3. Ecuador. Latitude: 04 deg S; Longitude: 079 deg 39 m W. Collected May 19, 1983. Farm, Yurusali, 31km from Catacocha on road to Chaguarpamba. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds variegated (purple with tan tips). Local name Criolla. Annual. Cultivated. Seed.

497659. BPZHa 729-1. Ecuador. Latitude: 03 deg 58 m S; Longitude: 079 deg 40 m W. Collected May 19, 1983. Store, Chaguarpamba. Collected by D.J. Banks, J. Pietrarelli, H.

Zurita O., L.E. Haro. Local type. Seeds purple. Local name Criolla. Annual. Cultivated. Seed.

497660. BPZHa 729-2. Ecuador. Latitude: 03 deg 58 m S; Longitude: 079 deg 40 m W. Collected May 19, 1983. Store, Chaguarpamba. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds tan. Local name Criolla. Annual. Cultivated. Seed.

497661. BPZHa 729-3. Ecuador. Latitude: 03 deg 58 m S; Longitude: 079 deg 40 m W. Collected May 19, 1983. Store, Chaguarpamba. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds variegated (purple with tan tips). Local name Criolla. Annual. Cultivated. Seed.

497662. BPZHa 730-1. Ecuador. Latitude: 03 deg 43 m S; Longitude: 079 deg 52 m W. Collected May 19, 1983. Store, Balzas. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Pods large. Seeds purple. Local name Criolla. Annual. Cultivated. Seed.

497663. BPZHa 730-2. Ecuador. Latitude: 03 deg 43 m S; Longitude: 079 deg 52 m W. Collected May 19, 1983. Store, Balzas. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Pods small. Seeds purple. Local name Criolla. Annual. Cultivated. Seed.

497664. BPZHa 730-3. Ecuador. Latitude: 03 deg 43 m S; Longitude: 079 deg 52 m W. Collected May 19, 1983. Store, Balzas. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds tan. Local name Criolla. Annual. Cultivated. Seed.

497665. BPZHa 730-4. Ecuador. Latitude: 03 deg 43 m S; Longitude: 079 deg 52 m W. Collected May 19, 1983. Store, Balzas. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Local type. Seeds variegated (purple with tan tips). Local name Criolla. Annual. Cultivated. Seed.

497666. BPZHa 731-1. Ecuador. Latitude: 02 deg 10 m S; Longitude: 079 deg 53 m W. Collected May 21, 1983. Guayaquil. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Reportedly from Valencia. Seeds red. Annual. Cultivated. Seed.

497667. BPZHa 731-2. Ecuador. Latitude: 02 deg 10 m S; Longitude: 079 deg 53 m W. Collected May 21, 1983. Guayaquil. Collected by D.J. Banks, J. Pietrarelli, H. Zurita O., L.E. Haro. Reportedly from Valencia. Seeds variegated (red and white). Annual. Cultivated. Seed.

497668. BPV1 732-1. Ecuador. Latitude:. Collected May 23, 1983. Farm, Barrio, San Antonio area, 17km N of Quito. Collected by D.J. Banks, J. Pietrarelli, F. Valenzuela. Local type. Pods collected from living plants. Seeds dark purple. Rhizobium vial 505. Annual. Cultivated. Seed.

497669. BPV1 732-2. Ecuador. Latitude:. Collected May 23, 1983. Farm, Barrio, San Antonio area, 17km N of Quito. Collected by D.J. Banks, J. Pietrarelli, F. Valenzuela. Local type. Pods collected from living plants. Seeds variegated (purple with tan tips). Rhizobium vial 505. Annual. Cultivated. Seed.

497670. BPV1 733. Ecuador. Latitude:. Collected May 23, 1983. Farm, Runicucho, San Antonio area, 18km N of Quito. Collected by D.J. Banks, J. Pietrarelli, F. Valenzuela. Local type. Pods collected from living plants 4 months old. Seeds dark purple. Rhizobium vial 506. Annual. Cultivated. Seed.

497671. Lagenaria siceraria (Mol.) Standl. (Cucurbitaceae) Bottle gourd.

From Zimbabwe. Donated by Gwarazimba, V.E.E.; Crop Breeding Institute, Harare Research Station; Causeway. Received January 1983.

TGR 1652. Zimbabwe. Latitude: 16 deg 57 m S; Longitude: 029 deg 28 m E. Collected June 22, 1982. Farmstore, 15km SE of Magunge BC, Mashonaland West Province. 1200m. Sown November harvested April. Flesh sweet. Sample TGR 1652 received as Citrullus lanatus (PI 482354) orginally. Second sample received as Lagenaria siceria. Cultivated. Seed.

497672. Triticum aestivum L. (Poaceae) Common wheat.

From United States. Donated by Department of Crop Science, Oregon State University; Corvallis, Oregon. Received June 1985.

ORCW8113. Malcolm. United States. Stephens//63-189-66-7/ Bezostaja. Semi-dwarf soft white type. Straw stiff, white. Spikes awned, midlong, mid-dense, nodding. Seeds white, midsized. Yield high. More leaf rust resistant than commercial cultivars except in Pullman, Washington. Similar to Stephens in reaction to strip rust and Septoria tritici. More resistant to powdery mildew than Stephens. Susceptible to Cephalosporium stripe. Widely adapted to irrigated winter area in eastern and central

497672-continued

Oregon. Milling and baking qualities promising. Winter Annual. Cultivar. Seed.

497673. Annona cherimola Mill. (Annonaceae) Cherimoya.

From Bolivia. Collected by Von Borries, O.; Forest Development Center; La Paz.
Received June 1985.

Bolivia. Latitude: 17 deg 30 m S. Cochabamba Province. 2600m. Precipitation 500mm. Mean annual temperature 17C. Local name Chirimoya. Seed.

497674. Passiflora mollissima (H.B.K.) L. H. Bailey (Passifloraceae) Banana passionfruit.

From Bolivia. Collected by Von Borries, O.; Forest Development Center; La Paz.
Received June 1985.

Bolivia. Latitude: 17 deg S. La Paz Province. 3700m. Precipitation 700mm. Mean annual temperature 12C. Local name Tumbo. Seed.

497675. Capsicum eximium Hunziker (Solanaceae).

From Bolivia. Collected by Von Borries, O.; Forest Development Center; La Paz.
Received June 1985.

Bolivia. Latitude: 17 deg S. Rio Abajo, La Paz Province. 2900m. Precipitation 500mm. Mean annual temperature 16C. Seeds small, white. Local name Ulupica. Seed.

497676. Capsicum pubescens Ruiz & Pavon (Solanaceae) Rocoto.

From Bolivia. Collected by Von Borries, O.; Forest Development Center; La Paz.
Received June 1985.

Bolivia. Latitude: 17 deg S. Yungas, La Paz Province. 2500m. Precipitation 1,400mm. Mean annual temperature 18C. Seeds black and brown. Local name Locota. Seed.

497677. Nicotiana tabacum L. (Solanaceae) Tobacco.

From Poland. Donated by Plant Breeding and Acclimation Institute, National Department of Plant Genetic Resources; Radzikow,

497677-continued
05-870 Blonie.
Received June 1985.

84160. Pudawski 66cms. Poland. Cultivated. Seed.

497678 TO 497685. Oryza sativa L. (Poaceae) Rice.

From Philippines. Donated by International Rice Research Institute; Manila.
Received July 1985.

497678. IR 56. Source 1823. Cultivated. Seed.

497679. IR 58. Source 1604. Cultivated. Seed.

497680. IR 60. Source 1824. Cultivated. Seed.

497681. IR 62. Source 1825. Cultivated. Seed.

497682. IR 64. Source 1607. Cultivated. Seed.

497683. IR 65. Source 1613. Cultivated. Seed.

497684. Multiple pistil-1 (mp-1). Source RGS 236 R84-1222-1. Breeding Material. Seed.

497685. Multiple pistil-2 (mp-2). Source RGS 266 R84-977-4. Breeding Material. Seed.

497686 TO 497921. Avena hybrid (Poaceae).

From United States. Donated by Rothman, P.G.; Cereal Rust Laboratory, USDA-ARS, University of Minnesota; St. Paul, Minnesota.
Received June 1985.

497686. MN 846001. United States. Amagalon/Black Mesdag. Breeding Material. Seed.

497687. MN 845450. United States. Amagalon/Marvellous. Breeding Material. Seed.

497688. MN 842503. United States. Amagalon/Gopher. Breeding Material. Seed.

497689. MN 848450. United States. Amagalon/Amagalon. Breeding Material. Seed.

497690. MN 788788. United States. Amagalon/Amagalon. Wild type. Breeding Material. Seed.

497691. MN 847048. United States. Alpha/Amagalon. Breeding Material. Seed.

497692. MN 844723. United States. Alpha/Amagalon. Breeding Material. Seed.

497693. MN 829409. United States. Amagalon*3/Marvellous. Breeding Material. Seed.

497694. MN 843117. United States. Amagalon/Black Mesdag//Delredsa. Breeding Material. Seed.

497695. MN 843231. United States. Amagalon/Black Mesdag//Fidler. Breeding Material. Seed.

497696. MN 843113. United States. Amagalon/Black Mesdag//A. sterilis/Kyto. Breeding Material. Seed.

497697. MN 846044. United States. Amagalon/Black Mesdag//Obee/3/Gopher/MN 2629//Fulghum/Fla 500. Breeding Material. Seed.

497698. MN 846259. United States. Amagalon/Black Mesdag//Aojss. Breeding Material. Seed.

497699. MN 846041. United States. Amagalon/Black Mesdag//A. sterilis/Kyto. Breeding Material. Seed.

497700. MN 848038. United States. Amagalon/Black Mesdag//Froker/Omega/3/Aojss. Breeding Material. Seed.

497701. MN 843893. United States. Amagalon/Black Mesdag//A. abyssinica/*2AB101. Breeding Material. Seed.

497702. MN 811019. United States. Amagalon/Black Mesdag//Froker/Omega. Breeding Material. Seed.

497703. MN 811050-1. United States. Amagalon/Black Mesdag//Froker/Omega/3/Amagalon/Black Mesdag. Breeding Material. Seed.

497704. MN 847021. United States. Alpha/Amagalon/3/Amagalon/Marvellous//Amagalon/Black Mesdag. Breeding Material. Seed.

497705. MN 845349. United States. Alpha/Amagalon/3/Amagalon/Marvellous//Amagalon/Black Mesdag. Breeding Material. Seed.

497706. MN 848419. United States. Amagalon/Amagalon//MN 2629/Alpha. Breeding Material. Seed.

497707. MN 9973-3. United States. Amagalon/Amagalon//Aojss.

497686 TO 497921-continued
Breeding Material. Seed.

497708. MN 7053. United States. Amagalon/Amagalon//Omega/MN 2629. Breeding Material. Seed.

497709. MN 842492. United States. Amagalon/Marvellous//Amagalon/Black Mesdag. Breeding Material. Seed.

497710. MN 846027. United States. Amagalon/Marvellous*2//Aojss. Breeding Material. Seed.

497711. MN 848187. United States. Amagalon/Marvellous//A. nuda/Marvellous. Breeding Material. Seed.

497712. MN 846712. United States. Amagalon//A. nuda/Marvellous. Breeding Material. Seed.

497713. MN 843032. United States. Amagalon*2/Black Mesdag. Breeding Material. Seed.

497714. MN 849298. United States. Amagalon/A. nuda//A. abyssinica/2*AB101. Breeding Material. Seed.

497715. MN 846960. United States. Amagalon/A. nuda*2//Delredsa. Breeding Material. Seed.

497716. MN 9320. United States. Amagalon/A. nuda*2//Delredsa. Breeding Material. Seed.

497717. MN 849895. United States. Amagalon//A. nuda/Marvellous/4/Obee/3/Gopher/MN 2629//Fulghum/Fla 500. Breeding Material. Seed.

497718. MN 846710. United States. Amagalon/A. nuda//Amagalon. Breeding Material. Seed.

497719. MN 849804. United States. See narrative for pedigree. Amagalon/A. nuda//Amagalon/4/Dal/Alpha//Amagalon/Minhi #8/3/Marvellous/5/Delredsa//Amagalon/Black Mesdag. Breeding Material. Seed.

497720. MN 842710. United States. Amagalon/Minhi #8//Delredsa. Breeding Material. Seed.

497721. MN 848402. United States. Amagalon/Minhi #8//Aojss. Breeding Material. Seed.

497722. MN 847444. United States. Amagalon//Obee/A. sterilis/3/Amagalon/Black Mesdag//Froker/Omega. Breeding Material. Seed.

497723. MN 843895. United States. Amagalon//Obee/A. sterilis/3/Amagalon/Black Mesdag//Froker/Omega. Breeding Material.

Seed.

497724. MN 9554. United States. Amagalon//Obee/A. sterilis/3/A. abyssinica/2*AB101. Breeding Material. Seed.

497725. MN 844643. United States. Amagalon//Omega/MN 2629. Breeding Material. Seed.

497726. MN 848090. United States. Amagalon//A. sterilis/Kyto/3/Mariner/Omega. Breeding Material. Seed.

497727. MN 7443. United States. Amagalon//A. sterilis/Kyto. Breeding Material. Seed.

497728. MN 849889. United States. Amagalon/4/Alpha/MN 2629/3/Ag 27/Lodi//Lodi/Egdolon-26. Breeding Material. Seed.

497729. MN 831605. United States. Amagalon/4/Alpha/MN 2629/3/Ag 27/Lodi//Lodi/Egdolon-26. Breeding Material. Seed.

497730. MN 9383. United States. Amagalon//Omega/MN 2629/3/A. fatua/Marvellous. Breeding Material. Seed.

497731. MN 843851. United States. Amagalon selection. Wild type. Breeding Material. Seed.

497732. MN 843852. United States. Amagalon selection. Wild type. Breeding Material. Seed.

497733. MN 843862. United States. Amagalon selection. Wild type. Breeding Material. Seed.

497734. MN 843867. United States. Amagalon selection. Wild type. Breeding Material. Seed.

497735. MN 6088. United States. Amagalon selection. Wild type. Breeding Material. Seed.

497736. MN 842101. United States. Amagalon selection. Breeding Material. Seed.

497737. MN 842106. United States. Amagalon selection. Breeding Material. Seed.

497738. MN 842138. United States. Amagalon selection. Breeding Material. Seed.

497739. MN 842144. United States. Amagalon selection. Breeding Material. Seed.

497740. MN 842146. United States. Amagalon selection. Breeding Material. Seed.

497741. MN 6090. United States. Amagalon selection. Breeding Material. Seed.

497742. MN 842101. United States. Amagalon selection. Early type. Breeding Material. Seed.

497743. MN 843203. United States. Aojss/Ogle. Breeding Material. Seed.

497744. MN 846078. United States. Aojss. Breeding Material. Seed.

497745. MN 842701. United States. Aojss/Delredsa. Breeding Material. Seed.

497746. MN 845428. United States. Allen/3/Minha//Gopher/MN 2629. Breeding Material. Seed.

497747. MN 7435-3. United States. Alpha//Kyto/CI3034. Breeding Material. Seed.

497748. MN 5382. United States. Alpha/Kyto. Breeding Material. Seed.

497749. MN 845458. United States. A. abyssinica/2*AB101. Breeding Material. Seed.

497750. MN 848039. United States. A. abyssinica/2*AB101//Dal/Alpha. Breeding Material. Seed.

497751. MN 844644. United States. A. abyssinica/2*AB101//Dal/Alpha. Breeding Material. Seed.

497752. MN 849092. United States. A. abyssinica/2*AB101//Dal/Alpha/3/Amagalon/A. nuda//Delredsa. Breeding Material. Seed.

497753. MN 9345. United States. A. abyssinica/2*AB101//Dal/Alpha/3/Amagalon/A. nuda//Delredsa. Breeding Material. Seed.

497754. MN 10350. United States. A. abyssinica/2*AB101//Amagalon/A. nuda//Amagalon. Breeding Material. Seed.

497755. MN 9339. United States. A. abyssinica/2*AB101//Mariner/Omega/3/Delredsa//Amagalon/Black Mesdag. Breeding Material. Seed.

497756. MN 809146. United States. A. abyssinica/2*AB101//Mariner/Omega. Breeding Material. Seed.

497757. MN 817679. United States. A. abyssinica/2*AB101//Mariner/Omega. Breeding Material. Seed.

497758. MN 829009B. United States. A. abyssinica/2*AB101//Obee. Breeding Material. Seed.

497759. MN 843827. United States. A. abyssinica/ASG-660//Minhi #8. Breeding Material. Seed.

497760. MN 843828. United States. A. abyssinica/ASG-660//Minhi #8. Breeding Material. Seed.

497761. MN 843831. United States. A. abyssinica/ASG-660//Minhi #8. Early type. Breeding Material. Seed.

497762. MN 5881-1. United States. A. abyssinica/ASG-660. Tetraploid. Breeding Material. Seed.

497763. MN 11810. United States. AAAS*2/KHC. Breeding Material. Seed.

497764. MN 806179. United States. A. barbata//A. sterilis/Kyto. Breeding Material. Seed.

497765. MN 8185. United States. A. barbata//A. sterilis/Kyto. Breeding Material. Seed.

497766. MN 808729. United States. A. barbata/Minhafer. Breeding Material. Seed.

497767. MN 11788. United States. A. barbata/Minhafer//A. barbata. Breeding Material. Seed.

497768. MN 11760B. United States. A. barbata/Minhafer//A. barbata. Breeding Material. Seed.

497769. MN 806230. United States. Black Mesdag/Marvellous//Dal/Alpha. Breeding Material. Seed.

497770. MN 6810. United States. Black Mesdag/Midsouth. Breeding Material. Seed.

497771. MN 1833-6. United States. Black Mesdag/AB101//Delair. Breeding Material. Seed.

497772. MN 1661-65. United States. Black Mesdag/AB101//Delair/3/Japanese Strigosa/ASG-660. Breeding Material. Seed.

497773. MN 3280. United States. Black Mesdag/AB101//Delair/3/Japanese strigosa/ASG-660/4/Minhi #8. Breeding Material. Seed.

497774. MN 841898. United States. Markton/1052 (CD 3820 *2/Victory)//CI7909/Ascencao. Breeding Material. Seed.

497775. MN 811045. United States. Markton/1052 (CD 3820 *2/ Victory//Ora/3/Amagalon. Breeding Material. Seed.

497776. MN 5653B. United States. Chief/Omega. Breeding Material. Seed.

497777. MN 841913. United States. Dal/Alpha//Moore. Breeding Material. Seed.

497778. MN 846342. United States. Dal/Alpha//Moore. Breeding Material. Seed.

497779. MN 5498. United States. Dal/Alpha//Amagalon/Minhi #8. Breeding Material. Seed.

497780. MN 846049. United States. Delredsa//Amagalon/Black Mesdag. Breeding Material. Seed.

497781. MN 846953. United States. Delredsa//Amagalon/Black Mesdag. Breeding Material. Seed.

497782. MN 842490. United States. Delredsa #1//Amagalon/ Marvellous. Breeding Material. Seed.

497783. MN 846032. United States. Delredsa//Amagalon/Marvellous. Breeding Material. Seed.

497784. MN 848525. United States. Delredsa/Aojss. Breeding Material. Seed.

497785. MN 846036. United States. Delredsa//Rodney O*4/CI9139. Breeding Material. Seed.

497786. MN 846139. United States. Delredsa #1/Porter. Breeding Material. Seed.

497787. MN 846197. United States. Delredsa #1/MN 78142. Breeding Material. Seed.

497788. MN 846970. United States. Delredsa/Aojss/3/A. abyssinica/ 2*AB101/Dal/Alpha. Breeding Material. Seed.

497789. MN 844651. United States. Delredsa/Aojss/3/A. abyssinica/ 2*AB101//Dal/Alpha. Breeding Material. Seed.

497790. MN 3405. United States. Elamo/Ora//Jostrain/Portal. Breeding Material. Seed.

497791. MN 3218. United States. Elamo/Ora//Minhi #8. Breeding Material. Seed.

497792. MN 3214. United States. Elamo/Delair. Breeding Material.

Seed.

497793. MN 2706. United States. Elamo/Fla. 500. Breeding Material. Seed.

497794. MN 1841-1. United States. Elamo*2/Fla. 500. Breeding Material. Seed.

497795. MN 1843-1. United States. Elamo/Albion. Breeding Material. Seed.

497796. MN 11812. United States. A. fatua/Marvellous. Breeding Material. Seed.

497797. MN 842630. United States. A. fatua/A. sterilis. Breeding Material. Seed.

497798. MN 841973. United States. A. fatua/A. sterilis//Aojss. Breeding Material. Seed.

497799. MN 846264. United States. A. fatua/A. sterilis//Aojss. Breeding Material. Seed.

497800. MN 841919. United States. Froker/Dal. Breeding Material. Seed.

497801. MN 6644. United States. Froker/Omega. Breeding Material. Seed.

497802. MN 8883-5. United States. Froker/Omega//Otee/Omega. Breeding Material. Seed.

497803. MN 1832-1. United States. Fulghum/Fla. 500. Breeding Material. Seed.

497804. MN 3771-1. United States. Fla. 500/Kyto. Breeding Material. Seed.

497805. MN 1218-2. United States. Fla. 500/Sturdy. Breeding Material. Seed.

497806. MN 3308. United States. Golden I/Omega. Breeding Material. Seed.

497807. MN 3313. United States. Golden I/Omega. Breeding Material. Seed.

497808. MN 3274. United States. Golden I/Minhi #1/3/Fulghum/Fla. 500//Johnson Selection. Breeding Material. Seed.

497809. MN 848482. United States. Goodland/3/Minhafer//Gopher/MN 2629. Breeding Material. Seed.

497810. MN 811048. United States. Gopher/MN 2629//Fulghum/FLA. 500. Breeding Material. Seed.

497811. MN 722375. United States. Gopher/3/Gopher/MN 2629//Fulghum/Fla. 500. Breeding Material. Seed.

497812. MN 829556. United States. Gopher/Obee. Breeding Material. Seed.

497813. MN 2745. United States. Gopher/CI3034. Breeding Material. Seed.

497814. MN 2669. United States. Gopher*2/Illinois Hull-less. Breeding Material. Seed.

497815. MN 2662. United States. Gopher/Jostrain. Breeding Material. Seed.

497816. MN 2517. United States. Gopher*2/Jostrain. Breeding Material. Seed.

497817. MN 848041. United States. Garland/3/Minhafer//Gopher/MN 2629. Breeding Material. Seed.

497818. MN 833794. United States. Johnson Selection/Sturdy. Breeding Material. Seed.

497819. MN 3393B. United States. Jostrain/Portal. Breeding Material. Seed.

497820. MN 3391B. United States. Jostrain/Portal//Elamo/Ora. Breeding Material. Seed.

497821. MN 2653. United States. Jostrain/Gopher. Breeding Material. Seed.

497822. MN 2661. United States. Jostrain//Gopher*2/Jostrain. Breeding Material. Seed.

497823. MN 2837-B. United States. Japanese strigosa/ASG-660. Tetraploid. Breeding Material. Seed.

497824. MN 2478. United States. Jaycee//Tippecanoe*3/CI3034. Breeding Material. Seed.

497825. MN 10221B. United States. Kyto/Obee. Breeding Material. Seed.

497826. MN 5369. United States. Kyto/CI3034. Breeding Material. Seed.

497827. MN 5436B. United States. Kyto*2/CI3034. Breeding

Material. Seed.

497828. MN 4498B. United States. Kyto/Minhafer. Breeding Material. Seed.

497829. MN 4968. United States. Kyto//A. sterilis/Kyto. Breeding Material. Seed.

497830. MN 4455B. United States. Kherson 27/Kyto. Breeding Material. Seed.

497831. MN 846327. United States. Moore (Aus)/Moore (USA)//Amagalon. Breeding Material. Seed.

497832. MN 846331. United States. Moore (Aus)/Moore (USA)//Amagalon. Breeding Material. Seed.

497833. MN 843122. United States. Moore (Aus)/Moore (USA)//Dal/Alpha. Breeding Material. Seed.

497834. MN 842633. United States. Moore/Aojss. Breeding Material. Seed.

497835. MN 843042. United States. Moore/Aojss. Breeding Material. Seed.

497836. MN 9363. United States. Moore/Aojss//Moore/A. barbata(?)/3/Amagalon/Marvellous. Breeding Material. Seed.

497837. MN 845341. United States. Moore//Amagalon/Marvellous. Breeding Material. Seed.

497838. MN 832175. United States. Moore/A. barbata(?)//Amagalon/Black Mesdag. Breeding Material. Seed.

497839. MN 8979-3. United States. Moore/A. barbata(?)//Amagalon/Black Mesdag. Breeding Material. Seed.

497840. MN 829045. United States. Moore/PG-11 II. Breeding Material. Seed.

497841. MN 9347. United States. Mariner/Omega//A. abyssinica/2*AB101/3/Delredsa//Aojss. Breeding Material. Seed.

497842. MN 834046. United States. Marvellous/CI3034. Breeding Material. Seed.

497843. MN 8582-4. United States. Marvellous/Black Mesdag//Omega. Breeding Material. Seed.

497844. MN 9348. United States. Mariner/Omega//A. abyssinica/2*AB101/3/Delredsa//Aojss. Breeding Material. Seed.

497845. MN 2756B. United States. Minhi #1/Tippecanoe. Breeding Material. Seed.

497846. MN 2753-B. United States. Minhi #1//Obee/Midsouth. Breeding Material. Seed.

497847. MN 2760. United States. Minhi (St.)//Gopher/Jostrain. Breeding Material. Seed.

497848. MN 2754. United States. Minhi #1//Fulghum/Fla. 500. Breeding Material. Seed.

497849. MN 2683. United States. Minhi #1//Fulghum/Fla. 500/3/ Johnson Selection/Sturdy #2. Breeding Material. Seed.

497850. MN 2721. United States. Minhi #1//Fulghum/Fla. 500/3/ Johnson Selection/Marvellous. Breeding Material. Seed.

497851. MN 10550-B. United States. A. nuda/Marvellous. Breeding Material. Seed.

497852. MN 837801. United States. Obee. 8x. Breeding Material. Seed.

497853. MN 11828B. United States. Obee. 8x. Breeding Material. Seed.

497854. MN 844526. United States. Obee. 8x. Breeding Material. Seed.

497855. MN 11808. United States. Obee/Sajapago. Breeding Material. Seed.

497856. MN 844670. United States. Obee/Satapago//Amagalon/Black Mesdag. Breeding Material. Seed.

497857. MN 832331. United States. Obee/Saia Bcf. Breeding Material. Seed.

497858. MN 839956. United States. Obee/Obee. Breeding Material. Seed.

497859. MN 816896. United States. Obee/Obee//A. fatua. Breeding Material. Seed.

497860. MN 846291. United States. Obee/Obee//A. fatua. Breeding Material. Seed.

497861. MN 847241. United States. Obee/Obee//A. fatua/3/Amagalon. Breeding Material. Seed.

497862. MN 789790. United States. Obee/Obee//A. sterilis.

Breeding Material. Seed.

497863. MN 1539. United States. Obee/Saia. Wild type. Breeding Material. Seed.

497864. MN 843896. United States. Obee/Saia/4/Obee/3/MN 2629//Fulghum/Fla. 500. Breeding Material. Seed.

497865. MN 1700-1710. United States. Obee/ASG-660. Breeding Material. Seed.

497866. MN 670-1. United States. Obee/ASG-660//Obee. Breeding Material. Seed.

497867. MN 3954. United States. Obee/Ora. Breeding Material. Seed.

497868. MN 849188. United States. Obee/Ora//Minhafer. Breeding Material. Seed.

497869. MN 841911. United States. Obee/3/Gopher/MN 2629//Fulghum/Fla. 500. Breeding Material. Seed.

497870. MN 801989. United States. Obee/Ora//A. sterilis. Breeding Material. Seed.

497871. MN 686-1. United States. Obee/Ora//Obee/Obee. Breeding Material. Seed.

497872. MN 1474B. United States. Obee/Midsouth//Obee/Ora. Breeding Material. Seed.

497873. MN 844977. United States. Obee/Midsouth. Breeding Material. Seed.

497874. MN 813331. United States. Obee/Midsouth. Breeding Material. Seed.

497875. MN 844942. United States. Obee/Moore. Breeding Material. Seed.

497876. MN 754013. United States. Obee/Fla. 500//A. sterilis. Breeding Material. Seed.

497877. MN 846105. United States. Ogle//A. abyssinica/2*AB101. Breeding Material. Seed.

497878. MN 5676B. United States. Otee/Omega. Breeding Material. Seed.

497879. MN 4875. United States. Otee/Omega//Amagalon/Minhafer. Breeding Material. Seed.

497880. MN 846917. United States. Omega/Alpha. Breeding Material. Seed.

497881. MN 6327. United States. Omega/MN 2629. Breeding Material. Seed.

497882. MN 71178. United States. Omega*2/MN 2629. Breeding Material. Seed.

497883. MN 846923. United States. Omega*2/MN 2629. Breeding Material. Seed.

497884. MN 722378. United States. Omega/A. chinese. Breeding Material. Seed.

497885. MN 2680. United States. Omega/A. chinese//MN 2629/Omega. Breeding Material. Seed.

497886. MN 843128. United States. Porter/Aojss. Breeding Material. Seed.

497887. MN 811012-2. United States. PG 11-IIIa//Froker/Omega. Breeding Material. Seed.

497888. MN 848446. United States. MN 2629/Alpha. Breeding Material. Seed.

497889. MN 734526-1. United States. MN 2629/Alpha (Albino line). Breeding Material. Seed.

497890. MN 811013-3. United States. MN 2629/4/Markton/1052(CD 3820*2/Victoria)//CI7909/3/Ora. Breeding Material. Seed.

497891. MN 2677. United States. MN 2629/Omega/3/Tippecanoe*3/CI3034//X-1588-2. Breeding Material. Seed.

497892. MN 2672. United States. MN 2629//Gopher*2/Jostrain. Breeding Material. Seed.

497893. MN 3535-1. United States. Richland/Kyto. Breeding Material. Seed.

497894. MN 711477. United States. Saia Bcf. Tetraploid. Breeding Material. Seed.

497895. MN 849280. United States. Saia Bcf. Tetraploid. Breeding Material. Seed.

497896. MN 331. United States. Saia Bcf/Japanese strigosa//ASG-660. Tetraploid. Breeding Material. Seed.

497897. MN 2834B. United States. Saia Bcf/Japanese strigosa//ASG-

497686 TO 497921-continued

660. Tetraploid. Breeding Material. Seed.

497898. MN 769013. United States. Sajapago. Tetraploid. Breeding Material. Seed.

497899. MN 2837. United States. Japanese strigosa/ASG-660. Tetraploid. Breeding Material. Seed.

497900. MN 602. United States. Sarecol S. Tetraploid. Breeding Material. Seed.

497901. MN 1219-1-1. United States. Sturdy/Fla. 500. Breeding Material. Seed.

497902. MN 9328. United States. Santa Catalina/3/Mariner/Omega//A. abyssinica/2*AB101. Breeding Material. Seed.

497903. MN 9337. United States. Santa Catalina/3/Moore/A. barbata (?)//Amagalon/Marvellous. Breeding Material. Seed.

497904. MN 9301. United States. Santa Catalina/3/Moore/A. barbata (?)//Amagalon/Marvellous. Breeding Material. Seed.

497905. MN 2266-8. United States. Tippecanoe*3/CI3034//X-1588-2. Breeding Material. Seed.

497906. MN 837800. United States. Obee. 8x. Breeding Material. Seed.

497907. MN 837802. United States. Obee. 8x. Breeding Material. Seed.

497908. MN 819659. United States. Obee. 8x. Breeding Material. Seed.

497909. MN 759099. United States. Obee/Ora. Breeding Material. Seed.

497910. MN 759100. United States. Obee/Fla. 500. Breeding Material. Seed.

497911. MN 759101. United States. Obee/Fla. 500. Breeding Material. Seed.

497912. MN 4504. United States. Ascencao/Kyto. Breeding Material. Seed.

497913. MN 4484. United States. Appler/Kyto. Breeding Material. Seed.

497914. MN 415. United States. Albion/A. sterilis (Wahl #2). Breeding Material. Seed.

497686 TO 497921-continued

497915. MN 411. United States. Albion/Golden//Black Mesdag/AB101. Breeding Material. Seed.

497916. MN 817682. United States. Mariner/Omega//A. AB101/ 2*AB101. Breeding Material. Seed.

497917. MN 9308. United States. Moore*2/A. barbata (?). Breeding Material. Seed.

497918. MN 3298. United States. Minhi #3/3/Obee/Ora//Minhafer/4/ Minhi #1//Fulghum/Fla. 500/3/Johnson Sel. Breeding Material. Seed.

497919. MN 819573. United States. A. sterilis/Kyto. Breeding Material. Seed.

497920. MN 5503-1. United States. A. sterilis/2*Kyto. Breeding Material. Seed.

497921. MN 842109. United States. Amagalon selection. Breeding Material. Seed.

497922 TO 497927. Triticum durum Desf. (Poaceae) Durum wheat.

From United States. Donated by Agronomy Department, North Dakota State University; Fargo, North Dakota.
Received July 1985.

497922. D7925. United States. D7456/VIC. Plants tall, awned. Seeds amber. Spring Annual. Breeding Material. Seed.

497923. D8257. United States. PI166308/WARD. Plants tall, awned. Seeds amber. Spring Annual. Breeding Material. Seed.

497924. D79103. United States. DT427/VIC. Plants tall, awned. Seeds amber. Spring Annual. Breeding Material. Seed.

497925. D79104. United States. D764/D73121. Plants medium tall, awned. Seeds amber. Spring Annual. Breeding Material. Seed.

497926. D79168. United States. D7224/VIC. Plants semi-dwarf, awned. Seeds amber. Spring Annual. Breeding Material. Seed.

497927. D79209. United States. D74111/CD. Plants semi-dwarf, awned. Seeds amber. Spring Annual. Breeding Material. Seed.

497928 TO 497940. Helianthus annuus L. (Asteraceae) Sunflower.

From United States. Donated by Interstate Sunflower, Inc.; West Fargo, North Dakota.
Received June 1985.

497928. Armavirskij 9345. Soviet Union. Leningrad. VIR. VIR 2068. Cultivar. Seed.

497929. Cakinskij 268. Soviet Union. Leningrad. VIR. VIR 2283. Cultivar. Seed.

497930. Cakinskij 269. Soviet Union. Leningrad. VIR. VIR 2158. Cultivar. Seed.

497931. Karlik 68. Soviet Union. Leningrad. VIR. VIR 2160. Cultivar. Seed.

497932. Krasnodarskij. Soviet Union. Leningrad. VIR. VIR 2411. Cultivar. Seed.

497933. Pioner Sibiri. Soviet Union. Leningrad. VIR. VIR 951. Cultivar. Seed.

497934. Podarok. Soviet Union. Leningrad. VIR. VIR 3000. Cultivar. Seed.

497935. Rannij 2. Soviet Union. Leningrad. VIR. VIR 2387. Cultivar. Seed.

497936. Rezerv. Soviet Union. Leningrad. VIR. VIR 2497. Cultivar. Seed.

497937. Start. Soviet Union. Leningrad. VIR. VIR 3001. Cultivar. Seed.

497938. TA 3697. Soviet Union. Leningrad. VIR. VIR 2704. Cultivar. Seed.

497939. VK-12. Soviet Union. Leningrad. VIR. VIR 2737. Cultivar. Seed.

497940. Voronezskij. Soviet Union. Leningrad. VIR. VIR 2144. Cultivar. Seed.

497941 TO 497950. Allium sativum L. (Amaryllidaceae) Garlic.

From Poland. Donated by Rengwalska, M.; Research Institute of Vegetable Crops, Plant Breeding Institute; 96-100 Skierniewice. Code numbers refer to M. Rengwalska's collection numbers.
Received June 1985.

497941. 17. Poland. Skierniewice. Cultivated. Plants.

497942. 38. Poland. Cultivated. Plants.

497943. 39. Poland. Cultivated. Plants.

497944. 40 dk. Poland. Cultivated. Plants.

497945. 46 dk. Poland. Cultivated. Plants.

497946. 86. Poland. Cultivated. Plants.

497947. 97. Poland. Low incidence of seed stalk formation. Cultivated. Plants.

497948. 99. Poland. Low incidence of seed stalk formation. Cultivated. Plants.

497949. 128. Poland. Cultivated. Plants.

497950. 133 dk. Poland. Boguchwaia. Cultivated. Plants.

497951. Allium sativum L. (Amaryllidaceae) Garlic.

From United States. Donated by Simon, P.W.; Dept. of Horticulture, USDA-ARS, University of Wisconsin; Madison, Wisconsin.
Received June 1985.

Kisswani. Syria. Cultivated. Plants.

497952 TO 497970. Glycine max (L.) Merr. (Fabaceae) Soybean.

From Canada. Donated by Plant Research Institute, Agriculture Canada; Ottawa, Ontario. Received through Soybean Production Research, USDA-ARS, Stoneville, Mississippi.
Received June 1985.

497952. 140. India. Div. of Plant Introduction, IARI, New Delhi, India. I.C. 191. Pusa, Bihar. Maturity group X. Seeds yellow. Primitive Cultivar. Seed.

497953. 141. India. Div. of Plant Introduction, IARI, New Delhi, India. I.C. 192. Pusa, Bihar. Maturity group IX. Seeds yellow. Primitive Cultivar. Seed.

497954. 143. India. Div. of Plant Introduction, IARI, New Delhi, India. I.C. 203. Pusa, Bihar. Maturity group VIII. Seeds yellow. Primitive Cultivar. Seed.

497955. 145. India. Div. of Plant Introduction, IARI, New Delhi, India. I.C. 210. Pusa, Bihar. Maturity group X. Seeds yellow. Primitive Cultivar. Seed.

497956. 146. India. Div. of Plant Introduction, IARI, New Delhi, India. I.C. 212. Pusa, Bihar. Maturity group VIII. Seeds black. Primitive Cultivar. Seed.

497957. 147. India. Div. of Plant Introduction, IARI, New Delhi, India. I.C. 222. Pusa, Bihar. Maturity group X. Seeds black. Primitive Cultivar. Seed.

497958. 148. Nepal. Div. of Plant Introduction, IARI, New Delhi, India. I.C. 2051. Nepal hills. Maturity group VII. Seeds brown. Primitive Cultivar. Seed.

497959. 149. India. Div. of Plant Introduction, IARI, New Delhi, India. I.C. 2241. Solan, Himachal Pradesh. Maturity group VIII. Seeds yellow. Primitive Cultivar. Seed.

497960. 150. India. Div. of Plant Introduction, IARI, New Delhi, India. I.C. 2433. Orissa. Maturity group VII. Seeds yellow. Primitive Cultivar. Seed.

497961. 153. India. Div. of Plant Introduction, IARI, New Delhi, India. I.C. 7845. Chini Hills, Himachal Pradesh. Maturity group VII. Seeds yellow. Primitive Cultivar. Seed.

497962. 154. India. Div. of Plant Introduction, IARI, New Delhi, India. I.C. 7846. Shongtong, Himachal Pradesh. Maturity group VI. Seeds yellow. Primitive Cultivar. Seed.

497963. 156. India. Div. of Plant Introduction, IARI, New Delhi, India. I.C. 9460. Sikkim. Maturity group X. Seeds brown. Primitive Cultivar. Seed.

497964. 157. India. Div. of Plant Introduction, IARI, New Delhi, India. I.C. 9461. Sikkim. Maturity group VII. Seeds yellow. Primitive Cultivar. Seed.

497965. 158. India. Div. of Plant Introduction, IARI, New Delhi, India. PLSO-13. Akola, Maharashtra State. Maturity group X. Seeds black. Primitive Cultivar. Seed.

497966. 162. India. Div. of Plant Introduction, IARI, New Delhi, India. PLSO-55. Batok, Jammu and Kashmir State. Maturity group V. Seeds yellow. Primitive Cultivar. Seed.

497967. 163. India. Div. of Plant Introduction, IARI, New Delhi, India. PLSO-96. Mahatpur, Jammu and Kashmir State. Maturity group VI. Seeds black. Primitive Cultivar. Seed.

497968. 164. India. Div. of Plant Introduction, IARI, New Delhi, India. PLSO-101. Sangla, Jammu and Kashmir State. Maturity group VI. Seeds brown. Primitive Cultivar. Seed.

497969. 165. India. Div. of Plant Introduction, IARI, New Delhi, India. PLSO-106. Mala, Jammu and Kashmir State. Maturity group VII. Seeds black. Primitive Cultivar. Seed.

497970. 166. Nepal. Div. of Plant Introduction, IARI, New Delhi, India. E.C. 18207. Maturity group X. Seeds yellow. Primitive Cultivar. Seed.

497971. Capsicum annuum L. (Solanaceae).

From Brazil. Donated by Costa, C.P.; Instituto de Genetica, Universidade de Sao Paulo; Piracicaba, Sao Paulo. Received May 1985.

P-23. Ano Todo. Brazil. Latitude: 10 deg S. Alagoas. Resistant to Potato virus Y. Cultivar. Seed.

497972 TO 497974. Capsicum baccatum L. (Solanaceae) Aji.

From Brazil. Donated by Costa, C.P.; Instituto de Genetica, Universidade de Sao Paulo; Piracicaba, Sao Paulo. Received May 1985.

497972. P-65. Dedo de Moca. Brazil. Latitude: 18 deg S. Montes Claros. Cultivar. Seed.

497973. P-68. Pilange. Brazil. Latitude: 23 deg S. Piracicaba, Sao Paulo. Cultivar. Seed.

497974. P-69. Chapeu de Frade. Brazil. Latitude: 23 deg S. Piracicaba, Sao Paulo. Cultivar. Seed.

497975 TO 497983. Capsicum chinense Jacq. (Solanaceae).

From Brazil. Donated by Costa, C.P.; Instituto de Genetica, Universidade de Sao Paulo; Piracicaba, Sao Paulo. Received May 1985.

497975. P-31. Cheiro. Brazil. Latitude: 09 deg S. Pecife, Pernambuco. Cultivar. Seed.

497976. P-33. Bode. Brazil. Latitude: 09 deg S. Pecife, Pernambuco. Cultivar. Seed.

497977. P-88. Maraba. Brazil. Latitude: 06 deg S. Maraba, Para.

497975 TO 497983-continued
Cultivar. Seed.

497978. P-89. Cheiro. Brazil. Latitude: 03 deg S. Altamira, Para. Cultivar. Seed.

497979. P-99. Pitamguinha. Brazil. Latitude: 03 deg S. Altamira, Para. Cultivar. Seed.

497980. P-145. Brazil. Latitude: 15 deg S. Chapada dos Guimaraes, Mato Grosso. Cultivated. Seed.

497981. P-291. Caiene. Brazil. Latitude: 23 deg S. Piracicaba, Sao Paulo. Cultivar. Seed.

497982. P-318. Grao de Bode. Brazil. Latitude: 02 deg S. Piaui. Cultivar. Seed.

497983. P-334. Brazil. Latitude: 15 deg S. Chapada dos Guimaraes, Mato Grosso. Cultivated. Seed.

497984. Capsicum frutescens L. (Solanaceae) Redpepper.

From Brazil. Donated by Costa, C.P.; Instituto de Genetica, Universidade de Sao Paulo; Piracicaba, Sao Paulo.
Received May 1985.

P-77. Malagueta. Brazil. Latitude: 09 deg S. Recife, Pernambuco. Cultivar. Seed.

497985. Capsicum praetermissum Heiser & Smith (Solanaceae).

From Brazil. Donated by Costa, C.P.; Instituto de Genetica, Universidade de Sao Paulo; Piracicaba, Sao Paulo.
Received May 1985.

P-332. Cumari ou passarinho. Brazil. Latitude: 23 deg S. Paracicaba, Sao Paulo. Cultivar. Seed.

497986 TO 497989. Triticum aestivum L. (Poaceae) Common wheat.

From United States. Donated by Bruns, C.; North American Plant Breeders, Inc.; Berthoud, Colorado.
Received July 1985.

497986. Orion. United States. Olesen/Lewis//W-504/3/Blueboy II. Soft red type. Plants medium tall with strong straw. Head tapering, awnletted, white. Resistant to stem rust, soil borne mosaic virus, wheat spindle streak mosaic virus, barley yellow dwarf virus and root rots Rhizoctonia, Fusarium, Helminthosporium. Good winterhardiness. Milling

497986 TO 497989-continued

and baking quality good. Winter Annual. Cultivar. Seed.

497987. Stallion. United States. Hard red type. Juvenile growth semi-erect. Mature plants short semi-dwarf with excellent straw. Lodging resistant. Head tapering, awned, middense, white. Maturity medium to early. Disease and drought resistant. Moderate winterhardiness. Good irrigation production. Winter Annual. Cultivar. Seed.

497988. Thunderbird. United States. Hard red type. Juvenile growth semi-erect. Mature plants intermediate height with strong straw. Head tapering, awned, middense, white. Maturity intermediate. Disease resistant. Very good winterhardiness. Milling and baking quality good. Winter Annual. Cultivar. Seed.

497989. Victory. United States. Hard red type. Plants intermediate semi-dwarf with strong straw. Head tapering, awned, middense, white. Maturity medium to early. Well adapted to central Great Plains. Resistant to foliar and soil borne diseases. Yield high. Milling and baking quality good. Winter Annual. Cultivar. Seed.

497990. Solanum acaule Bitter (Solanaceae).

From Germany, Federal Rep of. Donated by Ross, H.; Max-Planck-Institut fur Zuchtungsforschung; 5 Koln-Vogelsang 30. Received December 1984.

EBS 2294. Peru. Collected 1965. Seed.

497991. Solanum gourlayi Hawkes (Solanaceae).

From Germany, Federal Rep of. Donated by Ross, H.; Max-PlancK-Institut fur Zuchtungsforschung; 5 Koln-Vogelsang 30. Received December 1984.

EBS 2290. Bolivia. Collected 1965. T. Monasterios, San Diego near Potosi. Seed.

497992. Solanum x ruiz-lealia E. H. Brucher (Solanaceae).

From Germany, Federal Rep of. Donated by Ross, H.; Max-Planck-Institut fur Zuchtungsforschung; 5 Koln-Vogelsang 30. Received December 1984.

EBS 2935. Cultivated. Seed.

497993. Solanum brachistotrichum (Bitter) Rydb. (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin. Received through Joint 1982 American-Canadian-Mexican Potato Expedition.
Received November 1984.

RTRH 13. Mexico. Collected September 22, 1982. Edo. de Chihuahua, La Aurora at 41km, road under construction to S. Juanito. 2100m. Collected by A. Rivera-Pena and R.W. Ross. Wild. Seed.

497994 TO 498001. Solanum fendleri A. Gray (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin. Received through Joint 1982 American-Canadian-Mexican Potato Expedition.
Received November 1984.

497994. RTRH 5. Mexico. Collected September 21, 1982. Edo. de Chihuahua, 23km along brecha to Sta Clara from km 92 on hwy 45. 1800m. Collected by A. Rivera-Pena and R.W. Ross. Wild. Seed.

497995. RTRH 6. Mexico. Collected September 22, 1982. Edo. de Chihuahua at 17km from Cuauhtemoc towards La Junta. 2090m. Collected by A. Rivera-Pena and R.W. Ross. Wild. Seed.

497996. RTRH 7. Mexico. Collected September 22, 1982. Edo. de Chihuahua, steep cliff near road from La Junta to Tomochic. 2090m. Collected by A. Rivera-Pena and R.W. Ross. East side of Papigochic River. Wild. Seed.

497997. RTRH 8. Mexico. Collected September 22, 1982. Edo. de Chihuahua, road under construction 15km to San Juanito from LaJunta. 2070m. Collected by A. Rivera-Pena and R.W. Ross. Wild. Seed.

497998. RTRH 9. Mexico. Collected September 22, 1982. Edo. de Chihuahua, 27km along rd under construction to S.Juanito fr LaJunta. 2060m. Collected by A. Rivera-Pena and R.W. Ross. Wild. Seed.

497999. RTRH 10. Mexico. Collected September 22, 1982. Edo. de Chihuahua, 30km along rd under construction to S.Juanito fr LaJunta. 2040m. Collected by A. Rivera-Pena and R.W. Ross. Wild. Seed.

498000. RTRH 11. Mexico. Collected September 22, 1982. Edo. de Chihuahua, nr Ceboala, 36km along rd under construction fr La Junta. 2060m. Collected by A. Rivera-Pena and R.W.

Ross. Wild. Seed.

498001. RTRH 16. Mexico. Collected September 23, 1982. Edo. de Chihuahua, about 5km west of Madera on road to Sirupa. 2050m. Collected by A. Rivera-Pena and R.W. Ross. Wild. Seed.

498002. Solanum iopetalum (Bitter) Hawkes (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin. Received through Joint 1982 American-Canadian-Mexican Potato Expedition.
Received November 1984.

RTRH 32. Mexico. Collected October 06, 1982. Edo. de Hidalgo,Piedra Blanca,km 90 hwy 105 bet.Metzquititlan & Zaqualtipan. 2000m. Collected by A. Rivera-Pena, R.W. Ross, and T.R. Tarn. Received as Solanum brachycarpum. Wild. Seed.

498003. Solanum morelliforme Bitter & Muench. (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin. Received through Joint 1982 American-Canadian-Mexican Potato Expedition.
Received November 1984.

RTRH 48. Mexico. Collected October 26, 1982. Edo. de Mexico, 18.5km to Valle de Bravo from Toluca-Temascaltepec hwy 134. 2550m. Collected by A. Rivera-Pena, R.W. Ross and T.R. Tarn. Wild. Seed.

498004. Solanum sp. (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin. Received through Joint 1982 American-Canadian-Mexican Potato Expedition.
Received November 1984.

RTRH 15. Mexico. Collected September 23, 1982. Edo. de Chihuahua, about 15km along road from Madera to Sirupa. 2100m. Mountain pine oak forest, side of cliff. Wild. Seed.

498005 TO 498009. Solanum stoloniferum Schlechtd. (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato

498005 TO 498009-continued
Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin.
Received through Joint 1982 American-Canadian-Mexican
Potato Expedition.
Received November 1984.

498005. RTRH 21. Mexico. Collected October 04, 1982. Edo. de Hidalgo, hwy 45 Huichapan to Ixmiquilan 62km W of cross with hwy 57. 2380m. Collected by A. Rivera-Pena, R.W. Ross and T.R. Tarn. Wild. Seed.

498006. RTRH 33. Mexico. Collected October 06, 1982. Edo. de Hidalgo, Piedra Blanca, km 90, hwy 105, Metzquititlan & Zaqualtipan. 2000m. Collected by A. Rivera-Pena, R.W. Ross and T.R. Tarn. Wild. Seed.

498007. RTRH 34. Mexico. Collected October 06, 1982. Edo. de Hidalgo, Los Alumbres, km 101, hwy 105, bet Zaqualtipan & Molango. 2180m. Collected by A. Rivera-Pena, R.W. Ross and T.R. Tarn. Wild. Seed.

498008. RTRH 40. Mexico. Collected October 14, 1982. Edo. de Mexico, hwy 55, between Tenango & Tenancingo, 2km S of Tenango. 2650m. Collected by A. Rivera-Pena, R.W. Ross and T.R. Tarn. Wild. Seed.

498009. RTRH 41. Mexico. Collected October 14, 1982. Edo. de Mexico, hwy 55, between Tenango & Tenancingo, 2km S of Tenango. 2650m. Collected by A. Rivera-Pena, R.W. Ross and T.R. Tarn. Plants growing along aroyo. Wild. Seed.

498010. Solanum verrucosum Schlechtd. (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin. Received through Joint 1982 American-Canadian-Mexican Potato Expedition. Received November 1984.

RTRH 23. Mexico. Collected October 05, 1982. Edo. de Hidalgo, in National Park, 11km along road to El Chico from Rte 105. 2960m. Collected by A. Rivera-Pena, R.W. Ross and T.R. Tarn. Wild. Seed.

498011. Solanum bulbocastanum Dun. (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin. Received through Joint 1983 American-Canadian-Danish-Mexican Potato Expedition. Received December 1984.

498011-continued

RTRH 173. Mexico. Collected October 22, 1983. Edo. de Oaxaca, ruins of Monte Alban near Oaxaca City. 2000m. Collected by J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498012 TO 498018. Solanum demissum Lindl. (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin. Received through Joint 1983 American-Canadian-Danish-Mexican Potato Expedition.
Received December 1984.

498012. RTRH 123. Mexico. Collected September 24, 1983. Edo. de Durango, S of Durango, 72km along track from La Ferreria, La Flor. 2800m. Collected by T.R. Tarn, J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498013. RTRH 150. Mexico. Collected October 08, 1983. Edo. de Mexico, 26km from Toluca, 7.5km from La Puerta. 3370m. Collected by J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498014. RTRH 167. Mexico. Collected October 19, 1983. Edo. de Mexico, road between Santa Marta and Huitzilec, 13km fr Tres Marias. 2900m. Collected by J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498015. RTRH 186. Mexico. Collected October 24, 1983. Edo. de Mexico, km 57.4 from Mexico City on road to Puebla, Route 190. 3200m. Collected by J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498016. RTRH 192. Mexico. Collected October 27, 1983. Edo.de Mexico,Cerro Jocotitlan bet.Toluca &S.J. del Rio 4km N of Jocotitlan. 2960m. Collected by J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498017. RTRH 194. Mexico. Collected October 27, 1983. Edo.de Mexico,Cerro Jocotitlan bet.Toluca &S.J. del Rio 6km N of Jocotitlan. 3060m. Collected by J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498018. RTRH 196. Mexico. Collected October 27, 1983. Edo.de Mexico,Cerro Jocotitlan bet.Toluca &S.J.del Rio 11km N of Jocotitlan. 3450m. Collected by J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498019. Solanum hjertingii Hawkes (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin. Received through Joint 1983 American-Canadian-Danish-Mexican Potato Expedition.

498019-continued
Received December 1984.

RTRH 159. Mexico. Collected October 14, 1983. Edo. de Coahuila, near Saltillo, Los Lirios, 50km fr Saltillo rd to Allende. 2340m. Collected by J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498020 TO 498025. Solanum iopetalum (Bitter) Hawkes (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin. Received through Joint 1983 American-Canadian-Danish-Mexican Potato Expedition.
Received December 1984.

498020. RTRH 53. Mexico. Collected September 04, 1983. Edo. de Hidalgo, from hwy 105, Puchuca to Zacualtipan, 5.5km along track. 1950m. Collected by T.R. Tarn, J. Gomez and R.W. Ross. Wild. Seed.

498021. RTRH 55. Mexico. Collected September 04, 1983. Edo. de Veracruz, about 2.4km S of Huayacocotla on road to Tulancingo. 2300m. Collected by T.R. Tarn, J. Gomez and R.W. Ross. Wild. Seed.

498022. RTRH 58. Mexico. Collected September 05, 1983. Edo. de Hidalgo, north of Ixmiquilpan, 18km north of Nequeteje. 2630m. Collected by T.R. Tarn, J. Gomez and R.W. Ross. Wild. Seed.

498023. RTRH 166. Mexico. Collected October 19, 1983. Edo. de Mexico, rd between Santa Marta and Huitzilec, 13km from Tres Marias. 2900m. Collected by J. Gomez, J.P. Hjerting and R.W. Ross. Received as Solanum brachycarpum. Wild. Seed.

498024. RTRH 170. Mexico. Collected October 21, 1983. Edo. de Oaxaca, El Manzanal, km 144 from Oaxaca to Puerto Angel, Route 175. 2780m. Collected by J. Gomez, J.P. Hjerting and R.W. Ross. Received as Solanum brachycarpum. Wild. Seed.

498025. RTRH 181. Mexico. Collected October 23, 1983. Edo. de Puebla,rd fr Coxcatlan to Zoquitlan,1 km past LaGriega to Coyomiapa. 2640m. Collected by J. Gomez, J.P. Hjerting and R.W. Ross. Received as Solanum brachycarpum. Wild. Seed.

498026. Solanum oxycarpum Schiede (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato

498026-continued
Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin.
Received through Joint 1983 American-Canadian-Danish-Mexican Potato Expedition.
Received December 1984.

RTRH 182. Mexico. Collected October 23, 1983. Edo. de Puebla,rd fr Coxcatlan to Zoquitlan,1 km past LaGriega to Coyomiapa. 2640m. Collected by J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498027 TO 498035. Solanum papita Rydb. (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin.
Received through Joint 1983 American-Canadian-Danish-Mexican Potato Expedition.
Received December 1984.

498027. RTRH 114. Mexico. Collected September 23, 1983. Edo. de Zacatecas, 26km W of Valparaiso on road to Huejuquilla. 2310m. Collected by T.R. Tarn, J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498028. RTRH 117. Mexico. Collected September 23, 1983. Edo. de Zacatecas, Sierra de Sombrerete, from San Martin near hwy 45. 2760m. Collected by T.R. Tarn, J. Gomez, J.P. Hjerting and R.W. Ross. Five km from microwave tower. Wild. Seed.

498029. RTRH 118. Mexico. Collected September 23, 1983. Edo. de Zacatecas, Sierra de Sombrerete, from San Martin near hwy 45. 2810m. Collected by T.R. Tarn, J. Gomez, J.P. Hjerting and R.W. Ross. Five km from microwave tower. Wild. Seed.

498030. RTRH 120. Mexico. Collected September 23, 1983. Edo. de Zacatecas, along hwy 45, 18km NW of Sombrerete to Vicente Guerrero. 2380m. Collected by T.R. Tarn, J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498031. RTRH 132. Mexico. Collected September 25, 1983. Edo. de Durango, 25km W of El Salto on hwy 40 at Las Rusias microwave tower. Collected by T.R. Tarn, J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498032. RTRH 133. Mexico. Collected September 25, 1983. Edo. de Durango, hwy 40, 51km W of Durango,0.5km along track to Barballones. 2630m. Collected by T.R. Tarn, J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498033. RTRH 134. Mexico. Collected September 25, 1983. Edo. de Durango, 45km W of El Salto on hwy 40 just before La

498027 TO 498035-continued

Ciudad. 2530m. Collected by T.R. Tarn, J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498034. RTRH 135. Mexico. Collected September 25, 1983. Edo. de Durango, 7km S of El Salto on track to La Pena. 2620m. Collected by T.R. Tarn, J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498035. RTRH 139. Mexico. Collected September 25, 1983. Edo. de Durango, 17km S of El Salto on track to La Pena. 2790m. Collected by T.R. Tarn, J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498036. Solanum polyadenium Greenm. (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin. Received through Joint 1983 American-Canadian-Danish-Mexican Potato Expedition.
Received December 1984.

RTRH 65. Mexico. Collected September 06, 1983. Edo. de Hidalgo, from hwy 85, Zimapan to Tamzunchale at Las Trancas. 2400m. Collected by T.R. Tarn, J. Gomez and R.W. Ross. Wild. Seed.

498037 TO 498039. Solanum polytrichon Rydb. (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin. Received through Joint 1983 American-Canadian-Danish-Mexican Potato Expedition.
Received December 1984.

498037. RTRH 86. Mexico. Collected September 09, 1983. Edo. de Queretaro, Mexico-Queretaro hwy 57 near km 154. 2130m. Collected by T.R. Tarn, J. Gomez and R.W. Ross. Wild. Seed.

498038. RTRH 140. Mexico. Collected September 26, 1983. Edo. de Durango, km 103 hwy 39, between Sta. Teresa and Santigo Papasquiaro. 2150m. Collected by T.R. Tarn, J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498039. RTRH 144. Mexico. Collected September 27, 1983. Edo. de Zacatecas, 7km W of Zacatecas, 15km N of hwy 54 and hwy 45/49. 2320m. Wild. Seed.

498040 TO 498042. Solanum schenckii Bitter (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato

498040 TO 498042-continued
Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin.
Received through Joint 1983 American-Canadian-Danish-Mexican Potato Expedition.
Received December 1984.

498040. RTRH 105. Mexico. Collected September 15, 1983. Edo. de Queretaro, hwy 120, Jalpan to San Juan del Rio, just beyond Madrono. 2870m. Collected by T.R. Tarn and J. Gomez. Wild. Seed.

498041. RTRH 107. Mexico. Collected September 15, 1983. Edo. de Queretaro, hwy 120, Jalpan to San Juan del Rio, just beyond Madrono. 2850m. Collected by T.R. Tarn and J. Gomez. Wild. Seed.

498042. RTRH 179. Mexico. Collected October 23, 1983. Edo. de Puebla, rd fr Tehuacan to Oaxaca, 21km to La Griega fr Coxcatlan turn. 2660m. Collected by J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498043 TO 498050. Solanum sp. (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin.
Received through Joint 1983 American-Canadian-Danish-Mexican Potato Expedition.
Received December 1984.

498043. RTRH 57. Mexico. Collected September 04, 1983. Edo. de Hidalgo, 28km S of Huayacocotla, 8km before Agua Blanca. 2360m. Collected by J. Gomez, J.P. Hjerting, R.W. Ross and T.R. Tarn. Plants growing in pine-oak forest in gravelly soil at roadside. Wild. Seed.

498044. RTRH 57A. Mexico. Collected September 04, 1983. Edo. de Hidalgo, 28km S of Huayacocotla, 8km before Agua Blanca. 2360m. Collected by J. Gomez, J.P. Hjerting, R.W. Ross and T.R. Tarn. Plants growing in pine-oak forest in gravelly soil at roadside. Wild. Seed.

498045. RTRH 57B. Mexico. Collected September 04, 1983. Edo. de Hidalgo, 28km S of Huayacocotla, 8km before Agua Blanca. 2360m. Collected by J. Gomez, J.P. Hjerting, R.W. Ross and T.R. Tarn. Plants growing in pine-oak forest in gravelly soil at roadside. Wild. Seed.

498046. RTRH 62. Mexico. Collected September 06, 1983. Edo. de Hidalgo, from hwy 85, Zimapan to Tamazunchale, at Las Trancas. 2420m. Collected by J. Gomez, J.P. Hjerting, R.W. Ross and T.R. Tarn. Plants in loose rocks by roadside. Wild. Seed.

498043 TO 498050-continued

498047. RTRH 78. Mexico. Collected September 08, 1983. Edo. de Hidalgo, from Las Trancas, on hwy 85, Zimapan to Jacala. 2430m. Collected by J. Gomez, J.P. Hjerting, R.W. Ross and T.R. Tarn. Wild. Seed.

498048. RTRH 79. Mexico. Collected September 08, 1983. Edo. de Hidalgo, from Las Trancas, hwy 85, Zimapan to Jacala. 2500m. Collected by J. Gomez, J.P. Hjerting, R.W. Ross and T.R. Tarn. Plants on steep slope in oak forest. Wild. Seed.

498049. RTRH 104. Mexico. Collected September 15, 1983. Edo. de Queretaro, from hwy 120, Jalpan to San Juan del Rio, beyond Madrono. 2900m. Collected by J. Gomez, J.P. Hjerting, R.W. Ross and T.R. Tarn. Plants in tall pine-oak forest in red soil, gravel, rocks below road. Wild. Seed.

498050. RTRH 155. Mexico. Collected October 13, 1983. Edo. de San Luis Potosi. Sierra de Catorce, road turn off 10km W of Cedral. 2740m. Collected by J. Gomez, J.P. Hjerting, R.W. Ross and T.R. Tarn. Plants on path among stones at border of maize field. Wild. Seed.

498051 TO 498059. Solanum stoloniferum Schlechtd. (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin. Received through Joint 1983 American-Canadian-Danish-Mexican Potato Expedition.
Received December 1984.

498051. RTRH 63. Mexico. Collected September 06, 1983. Edo. de Hidalgo, from hwy 85, Zimapan to Tamazunchale, at Las Truncas. 2420m. Collected by T.R. Tarn, J. Gomez and R.W. Ross. Wild. Seed.

498052. RTRH 71. Mexico. Collected September 07, 1983. Edo. de Hidalgo, from hwy 85, Zimapan to Tamazunchale, N of Barranca. 2460m. Collected by T.R. Tarn, J. Gomez and R.W. Ross. Wild. Seed.

498053. RTRH 74. Mexico. Collected September 07, 1983. Edo. de Hidalgo, from hwy 85, Zimapan to Tamazunchale, N of Barranca. 2380m. Collected by T.R. Tarn, J. Gomez and R.W. Ross. Plants in tall pine-oak forest, among rocks and soil close to excavation for marble. Wild. Seed.

498054. RTRH 77. Mexico. Collected September 07, 1983. Edo. de Hidalgo, from Maguey Verde on hwy 85, Zimapan to Jacala. 2110m. Collected by T.R. Tarn, J. Gomez and R.W. Ross.

498051 TO 498059-continued
Wild. Seed.

498055. RTRH 80. Mexico. Collected September 08, 1983. Edo. de Hidalgo, from Las Trancas, on hwy 85, Zimapan to Jacala. 2520m. Collected by T.R. Tarn, J. Gomez and R.W. Ross. Wild. Seed.

498056. RTRH 87. Mexico. Collected September 09, 1983. Edo. de Queretaro, from hwy 120, Cadereyta to Jalpan, 14km E to San Joaquin. 2400m. Collected by T.R. Tarn, J. Gomez and R.W. Ross. Wild. Seed.

498057. RTRH 89. Mexico. Collected September 09, 1983. Edo. de Queretaro, from hwy 120, Cadereyta to Jalpan, 19km E to San Joaquin. 2430m. Collected by T.R. Tarn, J. Gomez and R.W. Ross. Wild. Seed.

498058. RTRH 90. Mexico. Collected September 09, 1983. Edo. de Queretaro, from hwy 120, Cadereyta to Jalpan, 19km E to San Joaquin. 2540m. Collected by T.R. Tarn, J. Gomez and R.W. Ross. Wild. Seed.

498059. RTRH 108. Mexico. Collected September 20, 1983. Edo. de Mexico, along hwy 55, Toluca to San Juan del Rio, 7km N of Acambay. 2750m. Collected by T.R. Tarn, J. Gomez, J.P. Hjerting and R.W. Ross. Plants on slopes around shooting range east of road. Wild. Seed.

498060 TO 498062. Solanum verrucosum Schlechtd. (Solanaceae).

From United States. Donated by Ross, R.W.; Inter-Regional Potato Introduction Station, USDA-ARS; Sturgeon Bay, Wisconsin. Received through Joint 1983 American-Canadian-Danish-Mexican Potato Expedition.
Received December 1984.

498060. RTRH 94. Mexico. Collected September 12, 1983. Edo. de Nuevo Leon, from Dr. Arroyo to Galena road, 39km NE along track. 2620m. Collected by T.R. Tarn and J. Gomez. Wild. Seed.

498061. RTRH 161. Mexico. Collected October 14, 1983. Edo. de Coahuila, road from Saltillo E, bet. Jame & Cienega de la Purissima. 2720m. Collected by J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498062. RTRH 193. Mexico. Collected October 27, 1983. Edo. de Mexico, Cerro Jocotitlan, road to microwave sta., 6km above village. 3060m. Collected by J. Gomez, J.P. Hjerting and R.W. Ross. Wild. Seed.

498063 TO 498064. Solanum okadae Hawkes & Hjert. (Solanaceae).

From United States. Donated by Hoopes, R.W.; Blue Island, Illinois.
Received November 1984.

498063. RWH 4. Bolivia. Collected April 16, 1982. Dept. of La Paz, 10km from Quime on road to Inquisivi. 3000m. Wild. Seed.

498064. RWH 6. Bolivia. Collected April 16, 1982. Dept. of La Paz, 12km from Quime on road to Inquisivi. 3000m. Wild. Seed.

498065. Solanum sp. (Solanaceae).

From United States. Donated by Hoopes, R.W.; Blue Island, Illinois.
Received November 1984.

RWH 2. Bolivia. Collected October 16, 1982. Dept. of La Paz, 1 km from Quime on road to Inquisivi. 3000m. Wild. Seed.

498066. Solanum acaule Bitter (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT.
Code numbers refer to collection by D. Astley.
Received November 1984.

Ast 086. Bolivia. Collected April 06, 1974. Riverside, 25km from Potosi up the Cayara Valley by Cayara, Potosi, Frias. Wild. Seed.

498067. Solanum hondelmannii Hawkes & Hjert. (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT.
Code numbers refer to collection by D. Astley.
Received November 1984.

Ast 021. Bolivia. Collected March 26, 1974. Tacos, 12km from Sucre on road to Zudanez, Chuquisaca, Oropesa. 2900m. Wild. Seed.

498068 TO 498070. Solanum oplocense Hawkes (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT.

498068 TO 498070-continued
Code numbers refer to collection by D. Astley.
Received November 1984.

498068. Ast 054. Bolivia. Collected April 01, 1974. From Villazon 34km, Potosi, Omiste. 3400m. Wild. Seed.

498069. Ast 060. Bolivia. Collected April 02, 1974. Road to Tupiza, 2km from Oploca, Potosi, Sud Chicas. 3100m. Wild. Seed.

498070. Ast 072. Bolivia. Collected April 04, 1974. Road to Potosi, 25km from Cotagaita, Potosi, Nor Chichas. Wild. Seed.

498071. Solanum sp. (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT.
Code numbers refer to collection by D. Astley.
Received December 1984.

Ast 043. Bolivia. Collected March 28, 1974. Roadside clearing, 68km from Sucre to Potosi, Dept of Potosi, Saavedra Prov. 2350m. Wild. Seed.

498072 TO 498074. Solanum sparsipilum (Bitt.) Juz. & Buk. (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT.
Code numbers refer to collection by D. Astley.
Received November 1984.

498072. Ast 009. Bolivia. Collected March 22, 1974. Road from Parotani to Capinota, 1 km past Itapaya, Cochabamba, Capinota. 2400m. Wild. Seed.

498073. Ast 010. Bolivia. Collected March 22, 1974. Road from Parotani to Capinota, 1 km past Itapaya, Cochabamba, Capinota. 2400m. Wild. Seed.

498074. Ast 016. Bolivia. Collected March 22, 1974. Road from Parotani to Capinota, 1 km past Charamoco, Cochabamba, Capinota. 2400m. Wild. Seed.

498075. Solanum sucrense Hawkes (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT.
Code numbers refer to collection by D. Astley.
Received December 1984.

498075-continued

Ast 044. Bolivia. Collected March 28, 1974. Steep roadside bank, Petiro, 78km from Sucre to Potosi, Saavedra Province. 2950m. Wild. Seed.

498076 TO 498077. Solanum tuberosum subsp. andigena (Juz. & Buk.) Hawkes (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT. Code numbers refer to collection by D. Astley. Received November 1984.

498076. Ast 020. Bolivia. Collected March 26, 1974. Loman Punta, 10km from Sucre on road to Zudanez, Chuquisaca, Oropesa. 2800m. Wild. Seed.

498077. Ast 028. Bolivia. Collected March 26, 1974. Loman Punta, 10km from Sucre on road to Zudanez, Chuquisaca, Oropesa. 2800m. Wild. Seed.

498078 TO 498084. Solanum acaule Bitter (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT. Code numbers refer to collection by J.G. Hawkes, J.P. Hjerting, I. Aviles. Received December 1984.

498078. HHA 6571. Bolivia. Latitude: 17 deg 15 m S; Longitude: 066 deg 54 m W. Collected March 10, 1980. Road from Cruce de Challa to Independencia, 27km from Kami, Ayopaya Prov. 3730m. Wild. Seed.

498079. HHA 6601. Bolivia. Latitude: 17 deg 18 m S; Longitude: 066 deg 10 m W. Collected March 14, 1980. Sierra de Tunari, near Lake Huara Huara, 23.5km from park entrance, Cercado. 4000m. Wild. Seed.

498080. HHA 6604. Bolivia. Latitude: 17 deg 18 m S; Longitude: 066 deg 10 m W. Collected March 14, 1980. Sierra de Tunari, near Lake Huara Huara, 23.5km from park entrance, Cercado. 4000m. Wild. Seed.

498081. HHA 6611. Bolivia. Latitude: 17 deg 14 m S; Longitude: 066 deg 03 m W. Collected March 15, 1980. Road to Palca, 34km from Tranca de Sacaba, Cochabamba, Chapare. 3920m. Wild. Seed.

498082. HHA 6617. Bolivia. Latitude: 17 deg 14 m S; Longitude: 066 deg 03 m W. Collected March 15, 1980. Road to Palca,

498078 TO 498084-continued
35km from Tranca de Sacaba, Cochabamba, Chapare. 3760m. Wild. Seed.

498083. HHA 6626. Bolivia. Latitude: 17 deg 15 m S; Longitude: 066 deg 03 m W. Collected March 15, 1980. Road to Palca, 29km from Tranca de Sacaba, Cochabamba, Chapare. 4200m. Wild. Seed.

498084. HHA 6700. Bolivia. Latitude: 17 deg 10 m S; Longitude: 066 deg 30 m W. Collected April 03, 1980. Morochata-Cochabamba road, 34km from turn off to Cocapata, Viscachas. 4000m. Wild. Seed.

498085 TO 498090. Solanum alandiae Cardenas (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT. Code numbers refer to collection by J.G. Hawkes, J.P. Hjerting, I. Aviles.
Received December 1984.

498085. HHA 6450. Bolivia. Latitude: 18 deg 06 m S; Longitude: 065 deg 07 m W. Collected February 23, 1980. Road to Misque, 13km from Aiquile, Cochabamba, Campero. 2300m. Wild. Seed.

498086. HHA 6526. Bolivia. Latitude: 18 deg 41 m S; Longitude: 064 deg 11 m W. Collected March 01, 1980. Road to Pucara, 42km from Valle Grande, 5km from Pucara, Santa Cruz. 2450m. Wild. Seed.

498087. HHA 6657. Bolivia. Latitude: 18 deg 07 m S; Longitude: 065 deg 06 m W. Collected March 26, 1980. Road to Misque by railway crossing, 10km from Aiquile, Cochabamba, Campero. 2400m. Wild. Seed.

498088. HHA 6662. Bolivia. Latitude: 17 deg 44 m S; Longitude: 065 deg 06 m W. Collected March 27, 1980. Road to Aiquile, 1/2-1 km S of Totora, Cochabamba, Carrasco. 2800m. Wild. Seed.

498089. HHA 6664. Bolivia. Latitude: 17 deg 43 m S; Longitude: 065 deg 06 m W. Collected March 27, 1980. Road to Epizana, 1 km above Totora, Cochabamba, Carrasco. 2800m. Wild. Seed.

498090. HHA 6665. Bolivia. Latitude: 17 deg 43 m S; Longitude: 065 deg 06 m W. Collected March 27, 1980. Road to Epizana, 1 1/2km above Totora, Cochabamba, Carrasco. 2800m. Wild. Seed.

498091 TO 498093. Solanum avilesii Hawkes & Hjert. (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT. Code numbers refer to collection by J.G. Hawkes, J.P. Hjerting, I. Aviles. Received December 1984.

498091. HHA 6519. Bolivia. Latitude: 18 deg 38 m S; Longitude: 064 deg 09 m W. Collected March 01, 1980. Roadside to Pucara, 26km from Valle Grande, Santa Cruz, Valle Grande. 2850m. Wild. Seed.

498092. HHA 6521. Bolivia. Latitude: 18 deg 38 m S; Longitude: 064 deg 09 m W. Collected March 01, 1980. Road to Pucara, near top of peak, 28km from Valle Grande, Santa Cruz. 2950m. Wild. Seed.

498093. HHA 6522. Bolivia. Latitude: 18 deg 38 m S; Longitude: 064 deg 09 m W. Collected March 01, 1980. Road to Pucara, 28km from Valle Grande, Santa Cruz. 2850m. Wild. Seed.

498094 TO 498109. Solanum berthaultii Hawkes (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT. Code numbers refer to collection by J.G. Hawkes, J.P. Hjerting, I. Aviles. Received December 1984.

498094. HHA 6438. Bolivia. Latitude: 18 deg 17 m S; Longitude: 065 deg 13 m W. Collected February 22, 1980. Road branching W 1.7km from Aiquile to Sucre at Novillero, Cochabamba. 2100m. Wild. Seed.

498095. HHA 6442. Bolivia. Latitude: 18 deg 16 m S; Longitude: 065 deg 14 m W. Collected February 22, 1980. Road branching W 17km from Aiquile to Sucre, 3.5km along road, Cochabamba. 2150m. Wild. Seed.

498096. HHA 6451. Bolivia. Latitude: 18 deg 05 m S; Longitude: 065 deg 09 m W. Collected February 23, 1980. Road to Misque, 18km from Aiquile, Cochabamba, Misque. 2200m. Wild. Seed.

498097. HHA 6453. Bolivia. Latitude: 18 deg 04 m S; Longitude: 065 deg 10 m W. Collected February 23, 1980. Road to Misque, 21km from Aiquile, Cochabamba, Misque. 2200m. Wild. Seed.

498098. HHA 6454. Bolivia. Latitude: 17 deg 59 m S; Longitude: 065 deg 14 m W. Collected February 23, 1980. Road to Misque, 37km from Aiquile, Cochabamba, Misque. 2000m.

498094 TO 498109-continued
Wild. Seed.

498099. HHA 6540. Bolivia. Latitude: 17 deg 55 m S; Longitude: 065 deg 55 m W. Collected March 06, 1980. Road from Anzaldo to Mollepujro at 15km from Anzaldo, Cochabamba, Arze. 2730m. Wild. Seed.

498100. HHA 6541. Bolivia. Latitude: 17 deg 55 m S; Longitude: 065 deg 55 m W. Collected March 06, 1980. Road from Anzaldo to Mollepujro 17km, just above Alfamayo, Cochabamba, Arze. 2600m. Wild. Seed.

498101. HHA 6544. Bolivia. Latitude: 17 deg 55 m S; Longitude: 065 deg 55 m W. Collected March 06, 1980. Road from Anzaldo to Mollepujro 18km, 1 km below Alfamayo, Cochabamba, Arze. 2550m. Wild. Seed.

498102. HHA 6547. Bolivia. Latitude: 17 deg 55 m S; Longitude: 065 deg 55 m W. Collected March 06, 1980. Road from Anzaldo to Mollepujro 16km, Cochabamba, Arze. 2570m. Wild. Seed.

498103. HHA 6548. Bolivia. Latitude: 17 deg 54 m S; Longitude: 065 deg 55 m W. Collected March 06, 1980. Road from Anzaldo to Mollepujro 15.5km, Cochabamba, Arze. 2600m. Wild. Seed.

498104. HHA 6549. Bolivia. Latitude: 17 deg 54 m S; Longitude: 065 deg 55 m W. Collected March 06, 1980. Road from Anzaldo to Mollepujro 12.5km, Cochabamba, Arze. 2875m. Wild. Seed.

498105. HHA 6552. Bolivia. Latitude: 17 deg 57 m S; Longitude: 065 deg 55 m W. Collected March 06, 1980. Road from Anzaldo to 2.5km below Mollepujro, Cochabamba, Esteban Arce. 2440m. Wild. Seed.

498106. HHA 6554. Bolivia. Latitude: 17 deg 57 m S; Longitude: 065 deg 55 m W. Collected March 07, 1980. "Tumi, Apharuma", Mollepujro, by Hacienda, Cochabamba, Esteban Arce. 2560m. Wild. Seed.

498107. HHA 6556. Bolivia. Latitude: 17 deg 57 m S; Longitude: 065 deg 55 m W. Collected March 07, 1980. Hacienda Mollepujro, 100m from house, Cochabamba, Esteban Arce. 2560m. Wild. Seed.

498108. HHA 6557. Bolivia. Latitude: 17 deg 57 m S; Longitude: 065 deg 55 m W. Collected March 07, 1980. Hacienda Mollepujro, 100m from house, Cochabamba, Esteban Arce. 2560m. Wild. Seed.

498109. HHA 6668. Bolivia. Latitude: 17 deg 34 m S; Longitude:

498094 TO 498109-continued

066 deg 23 m W. Collected March 29, 1980. Road to Capinota (1 km from new rd) 2km from Parotani, Cochabamba, Capinota. 2450m. Wild. Seed.

498110 TO 498115. Solanum brevicaule Bitter (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT.
Code numbers refer to collection by J.G. Hawkes, J.P. Hjerting, I. Aviles.
Received December 1984.

498110. HHA 6468. Bolivia. Latitude: 17 deg 20 m S; Longitude: 066 deg 21 m W. Collected February 25, 1980. Rd to Morochata, 22km fr Quillacollo, by new Puente San Miguel, Cochabamba. 3650m. Wild. Seed.

498111. HHA 6619. Bolivia. Latitude: 17 deg 13 m S; Longitude: 066 deg 03 m W. Collected March 15, 1980. Road to Palca, about 40km from Tranca de Sacaba, Cochabamba, Chapare. 3730m. Wild. Seed.

498112. HHA 6620. Bolivia. Latitude: 17 deg 13 m S; Longitude: 066 deg 03 m W. Collected March 15, 1980. Road to Palca, about 40km from Tranca de Sacaba, Cochabamba, Chapare. 3730m. Wild. Seed.

498113. HHA 6621. Bolivia. Latitude: 17 deg 13 m S; Longitude: 066 deg 03 m W. Collected March 15, 1980. Road to Palca, about 40km from Tranca de Sacaba, Cochabamba, Chapare. 3730m. Wild. Seed.

498114. HHA 6690. Bolivia. Latitude: 17 deg 19 m S; Longitude: 066 deg 22 m W. Collected April 02, 1980. Road to Morochata, 25.5km from Quillacollo, Cochabamba, Quillacollo. 3850m. Plants near river. Wild. Seed.

498115. HHA 6701. Bolivia. Latitude: 17 deg 20 m S; Longitude: 066 deg 21 m W. Collected April 03, 1980. Rd to Morochata, 22km fr Quillacollo, near new Puente San Miguel,Cochabamba. 3650m. Wild. Seed.

498116 TO 498119. Solanum circaeifolium Bitt. (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT.
Code numbers refer to collection by J.G. Hawkes, J.P. Hjerting, I. Aviles.
Received December 1984.

498116. HHA 6532. Bolivia. Latitude: 17 deg 46 m S; Longitude:

064 deg 41 m W. Collected March 02, 1980. Road to Santa Cruz, steep slope below road, 204km from Cochabamba, Carrasco. 2650m. Wild. Seed.

498117. HHA 6578. Bolivia. Latitude: 17 deg 07 m S; Longitude: 066 deg 56 m W. Collected March 11, 1980. Path near Independencia, Cochabamba, Ayopaya. 2750m. Wild. Seed.

498118. HHA 6581. Bolivia. Latitude: 17 deg 07 m S; Longitude: 066 deg 56 m W. Collected March 11, 1980. Path Ichupampa near Independencia, Cochabamba, Ayopaya. 3000m. Wild. Seed.

498119. HHA 6588. Bolivia. Latitude: 17 deg 12 m S; Longitude: 066 deg 53 m W. Collected March 12, 1980. Road to Challa, 16km from Independencia, Cochabamba, Ayopaya. 3220m. Wild. Seed.

498120. Solanum circaeifolium var. capsicibaccatum (Cardenas) Ochoa (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT. Code numbers refer to collection by J.G. Hawkes, J.P. Hjerting, I. Aviles.
Received December 1984.

HHA 6510. Bolivia. Latitude: 18 deg 36 m S; Longitude: 064 deg 07 m W. Collected March 01, 1980. Road to Pucara, 19km from Valle Grande, Santa Cruz, Valle Grande. 2650m. Received as Solanum capsicibaccatum. Wild. Seed.

498121 TO 498123. Solanum microdontum subsp. gigantophyllum (Bitter) Hawkes & Hjert. (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT. Code numbers refer to collection by J.G. Hawkes, J.P. Hjerting, I. Aviles.
Received December 1984.

498121. HHA 6650. Bolivia. Latitude: 19 deg 25 m S; Longitude: 064 deg 16 m W. Collected March 24, 1980. Road to Padilla, 1 km from Llequepampa, Chuquisaca, Jaime Mendoza. 2500m. Wild. Seed.

498122. HHA 6652. Bolivia. Latitude: 19 deg 02 m S; Longitude: 064 deg 20 m W. Collected March 25, 1980. Road to Nuevo Mundo, 14km from Villa Serrano, Chuquisaca, Belisario Boeto. 2450m. Wild. Seed.

498121 TO 498123-continued

498123. HHA 6653. Bolivia. Latitude: 19 deg 01 m S; Longitude: 064 deg 19 m W. Collected March 25, 1980. Road to Nuevo Mundo, 20km from Villa Serrano, Chuquisaca, Belisario Boeto. 2500m. Wild. Seed.

498124 TO 498128. Solanum microdontum Bitt. subsp. microdontum (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT. Code numbers refer to Collection by J.G. Hawkes, J.P. Hjerting, I. Aviles. Received December 1984.

498124. HHA 6502. Bolivia. Latitude: 18 deg 32 m S; Longitude: 065 deg 05 m W. Collected February 29, 1980. Road to Masicuri, Guadalupe, above village, 8km fr Valle Grande, Santa Cruz. 2200m. Wild. Seed.

498125. HHA 6504. Bolivia. Latitude: 18 deg 32 m S; Longitude: 065 deg 05 m W. Collected February 29, 1980. Road to Masicuri, Guadalupe, above village, 8km fr Valle Grande, Santa Cruz. 2200m. Wild. Seed.

498126. HHA 6513. Bolivia. Latitude: 18 deg 36 m S; Longitude: 064 deg 07 m W. Collected March 01, 1980. Road to Pucara, 19km from Valle Grande, Santa Cruz, Valle Grande. 2650m. Wild. Seed.

498127. HHA 6517. Bolivia. Latitude: 18 deg 37 m S; Longitude: 064 deg 08 m W. Collected March 01, 1980. Road to Pucara, 22km from Valle Grande, Santa Cruz, Valle Grande. 2850m. Wild. Seed.

498128. HHA 6531. Bolivia. Latitude: 17 deg 53 m S; Longitude: 064 deg 42 m W. Collected March 02, 1980. Road to La Fortaleza, 227km from Cochabamba on rd to Sta Cruz, Santa Cruz. 2550m. Wild. Seed.

498129. Solanum neocardenasii Hawkes & Hjert. (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT. Code numbers refer to collection by J.G. Hawkes, J.P. Hjerting, I. Aviles. Received December 1984.

HHA 6496. Bolivia. Latitude: 18 deg 07 m S; Longitude: 064 deg 12 m W. Collected February 29, 1980. Road to Valle Grande, 1.5km from Matoral, Santa Cruz, Valle

498129-continued
Grande. 1400m. Wild. Seed.

498130. Solanum okadae Hawkes & Hjert. (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT. Code numbers refer to collection by J.G. Hawkes, J.P. Hjerting, I. Aviles. Received December 1984.

HHA 6585. Bolivia. Latitude: 17 deg 06 m S; Longitude: 066 deg 55 m W. Collected March 11, 1980. Path to Sivingani, 3km from Independencia, Cochabamba, Ayopaya. 2450m. Wild. Seed.

498131 TO 498140. Solanum sparsipilum (Bitt.) Juz. & Buk. (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT. Code numbers refer to collection by J.G. Hawkes, J.P. Hjerting, I. Aviles. Received December 1984.

498131. HHA 6434. Bolivia. Latitude: 17 deg 43 m S; Longitude: 065 deg 06 m W. Collected February 21, 1980. Road from Epizana to Aiquile 13km, 1 km before Totora, Cochabamba, Carrasco. 2800m. Wild. Seed.

498132. HHA 6536A. Bolivia. Latitude: 17 deg 53 m S; Longitude: 065 deg 55 m W. Collected March 06, 1980. Road from Anzaldo to Mallepujro at 10km, Cochabamba, Esteban Arce. 2950m. Wild. Seed.

498133. HHA 6536B. Bolivia. Latitude: 17 deg 53 m S; Longitude: 065 deg 55 m W. Collected March 06, 1980. Road from Anzaldo to Mallepujro at 10km, Cochabamba, Esteban Arce. 2950m. Wild. Seed.

498134. HHA 6553. Bolivia. Latitude: 17 deg 57 m S; Longitude: 065 deg 55 m W. Collected March 07, 1980. By Hacienda "Apharuma", Mallepujro, Cochabamba, Esteban Arce. 2560m. Wild. Seed.

498135. HHA 6597. Bolivia. Latitude: 17 deg 15 m S; Longitude: 066 deg 10 m W. Collected March 14, 1980. Parque Tunari 8-9km beginning park rd, Sierra de Tunari, Cochabamba,Cercado. 3300m. Wild. Seed.

498136. HHA 6627. Bolivia. Latitude: 17 deg 23 m S; Longitude: 066 deg 10 m W. Collected March 17, 1980. Grounds, University of Cochabamba, Cochabamba, Cercado. 2560m.

498131 TO 498140-continued
Wild. Seed.

498137. HHA 6661. Bolivia. Latitude: 18 deg 07 m S; Longitude: 065 deg 06 m W. Collected March 26, 1980. Road to Misque in fields, 10km from Aiquile, Cochabamba, Campero. 2450m. Wild. Seed.

498138. HHA 6669A. Bolivia. Latitude: 17 deg 34 m S; Longitude: 066 deg 23 m W. Collected March 29, 1980. Road to Capinota (1 km from new rd), 2km from Parotani, Cochabamba,Capinota. 2450m. Wild. Seed.

498139. HHA 6670. Bolivia. Latitude: 17 deg 37 m S; Longitude: 066 deg 19 m W. Collected March 29, 1980. Charamoco, 1 km S from village, around cemetery walls, Cochabamba, Capinota. 2400m. Wild. Seed.

498140. HHA 6671. Bolivia. Latitude: 17 deg 38 m S; Longitude: 066 deg 18 m W. Collected March 29, 1980. Road to Capinota, 2km from Charamoco, Cochabamba, Capinota. 2380m. Wild. Seed.

498141. Solanum tarijense Hawkes (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT. Code numbers refer to collection by J.G. Hawkes, J.P. Hjerting, I. Aviles.
Received December 1984.

HHA 6656. Bolivia. Latitude: 19 deg 15 m S; Longitude: 064 deg 30 m W. Collected March 25, 1980. Road to Tomina at 5km, 31km from Padilla, Chuquisaca, Jaime Mendoza. 2100m. Wild. Seed.

498142 TO 498146. Solanum toralapanum Cardenas & Hawkes (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham B15 2TT. Code numbers refer to collection by J.G. Hawkes, J.P. Hjerting, I. Aviles.
Received December 1984.

498142. HHA 6572. Bolivia. Latitude: 17 deg 15 m S; Longitude: 066 deg 54 m W. Collected March 10, 1980. Rd from Cruce de Challa to Independencia, Abra de Ornoni,Cochabamba,Ayopaya. 3730m. Wild. Seed.

498143. HHA 6589. Bolivia. Latitude: 17 deg 14 m S; Longitude: 066 deg 54 m W. Collected March 12, 1980. Road to Challa, 24km from Independencia, Cochabamba, Ayopaya. 3730m. Wild.

498142 TO 498146-continued
Seed.

498144. HHA 6613. Bolivia. Latitude: 17 deg 14 m S; Longitude: 066 deg 03 m W. Collected March 15, 1980. Road to Palca, 35km from Tranca de Sacaba, Cochabamba, Chapare. 3760m. Wild. Seed.

498145. HHA 6616. Bolivia. Latitude: 17 deg 14 m S; Longitude: 066 deg 03 m W. Collected March 15, 1980. Road to Palca, 35km from Tranca de Sacaba, Cochabamba, Chapare. 3760m. Wild. Seed.

498146. HHA 6622. Bolivia. Latitude: 17 deg 13 m S; Longitude: 066 deg 03 m W. Collected March 15, 1980. Rd to Palca 0.5km from Palca, 40km from Tranca de Sacaba,Cochabamba,Chapare. 3730m. Wild. Seed.

498147 TO 498148. Solanum andreanum Baker (Solanaceae).

From Colombia. Donated by Lopez Jaramillo, L.E.; Instituto Colombiano Agropecuario-Tibaitata; A.A. 151123-Eldorado-Bogota. Received through Potato Introduction Station, USDA-ARS, Sturgeon Bay, Wisconsin.
Received November 1984.

498147. CCC 5142. Colombia. Sibundoy, Putomayo. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498148. CCC 5144. Colombia. Pasto, Norino. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498149 TO 498157. Solanum colombianum Dun. (Solanaceae).

From Colombia. Donated by Lopez Jaramillo, L.E.; Instituto Colombiano Agropecuario-Tibaitata; A.A. 151123-Eldorado-Bogota. Received through Potato Introduction Station, USDA-ARS, Sturgeon Bay, Wisconsin.
Received November 1984.

498149. CCC 5139. Colombia. Tangua, Narino. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498150. CCC 5141. Colombia. Sibundoy, Putumayo. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498151. CCC 5143. Colombia. Encono, Narino. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498152. CCC 5145. Colombia. Pasto, Narino. Collected by Lopez, Umana and Zerda. Wild. Seed.

498149 TO 498157-continued

498153. CCC 5146. Colombia. San Sebastian, Cauca. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498154. CCC 5152. Colombia. Inzu, Cauca. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498155. CCC 5153. Colombia. Totoro, Cauca. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498156. CCC 5158. Colombia. Salento, Quindio. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498157. CCC 5178. Colombia. Cundinamarca. Collected by G. Lozano. Wild. Seed.

498158. Solanum garcia-barrigae Ochoa (Solanaceae).

From Colombia. Donated by Lopez Jaramillo, L.E.; Instituto Colombiano Agropecuario-Tibaitata; A.A. 151123-Eldorado-Bogota. Received through Potato Introduction Station, USDA-ARS, Sturgeon Bay, Wisconsin.
Received November 1984.

CCC 5170. Colombia. Abreyo, Norte de Santander. Collected by Lopez, Araque and Orozco. Wild. Seed.

498159 TO 498162. Solanum moscopanum Hawkes (Solanaceae).

From Colombia. Donated by Lopez Jaramillo, L.E.; Instituto Colombiano Agropecuario-Tibaitata; A.A. 151123-Eldorado-Bogota. Received through Potato Introduction Station, USDA-ARS, Sturgeon Bay, Wisconsin.
Received November 1984.

498159. CCC 5147. Colombia. Coconuco, Cauca. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498160. CCC 5148. Colombia. Purace, Cauca. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498161. CCC 5149. Colombia. Purace, Cauca. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498162. CCC 5150. Colombia. Purace, Cauca. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498163 TO 498170. Solanum paucijugum Bitt. (Solanaceae).

From Colombia. Donated by Lopez Jaramillo, L.E.; Instituto

498163 TO 498170-continued
Colombiano Agropecuario-Tibaitata; A.A. 151123-Eldorado-Bogota. Received through Potato Introduction Station, USDA-ARS, Sturgeon Bay, Wisconsin.
Received November 1984.

498163. CCC 2196. Colombia. Wild. Seed.

498164. CCC 5137. Colombia. Zipaquria, Cundinamarca. Collected by Lopez and Umana. Wild. Seed.

498165. CCC 5162. Colombia. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498166. CCC 5164. Colombia. Zipaguini, Cundinamarca. Collected by Lopez and Orozco. Wild. Seed.

498167. CCC 5168. Colombia. Usme, Cundinamarca. Collected by Lopez, Rodriguez and Lopez. Wild. Seed.

498168. CCC 5169. Colombia. Usme, Cundinamarca. Collected by Lopez, Rodriguez and Lopez. Wild. Seed.

498169. CCC 5175. Colombia. Honguu, Boyoca. Collected by Lopez and Orozco. Wild. Seed.

498170. CCC 5177. Colombia. Usme, Cundinamarca. Collected by Lopez and Orozco. Wild. Seed.

498171 TO 498176. Solanum tuberosum subsp. andigena (Juz. & Buk.) Hawkes (Solanaceae).

From Colombia. Donated by Lopez Jaramillo, L.E.; Instituto Colombiano Agropecuario-Tibaitata; A.A. 151123-Eldorado-Bogota. Received through Potato Introduction Station, USDA-ARS, Sturgeon Bay, Wisconsin.
Received November 1984.

498171. CCC 5128. Colombia. San Sebastian, Cauca. Collected by Lopez, Umana and Zerda. Wild. Seed.

498172. CCC 5129. Colombia. San Sebastian, Cauca. Collected by Lopez, Umana and Zerda. Wild. Seed.

498173. CCC 5130. Colombia. San Sebastian, Cauca. Collected by Lopez, Umana and Zerda. Wild. Seed.

498174. CCC 5131. Colombia. San Sebastian, Cauca. Collected by Lopez, Umana and Zerda. Wild. Seed.

498175. CCC 5132. Colombia. San Sebastian, Cauca. Collected by Lopez, Umana and Zerda. Wild. Seed.

498176. CCC 5134. Colombia. San Sebastian, Cauca. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498177. Solanum tuquerrense Hawkes (Solanaceae).

From Colombia. Donated by Lopez Jaramillo, L.E.; Instituto Colombiano Agropecuario-Tibaitata; A.A. 151123-Eldorado-Bogota. Received through Potato Introduction Station, USDA-ARS, Sturgeon Bay, Wisconsin. Received November 1984.

CCC 5126. Colombia. Cumbal, Narino. Collected by Lopez, Umana, Zerda and Hernandez. Wild. Seed.

498178 TO 498203. Solanum acaule Bitter (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498178. Och 10,979. Peru. Lucanas, Ayacucho. Wild. Seed.

498179. Och 11,296. Peru. Pasco. Wild. Seed.

498180. Och 11,320. Peru. Huarochiri, Lima. Wild. Seed.

498181. Och 11,322. Peru. Huarochiri, Lima. Wild. Seed.

498182. Och 11,324. Peru. Huarochiri, Lima. Wild. Seed.

498183. Och 11,336. Peru. Yauli, Junin. Wild. Seed.

498184. Och 11,818. Bolivia. Collected February 1978. Near Achacahi, Omasuyos, La Paz. 3800m. Wild. Seed.

498185. Och 11,895. Bolivia. Collected February 1978. Near Tiquina on side of Copacabana, Copacabana, La Paz. 3820m. Wild. Seed.

498186. Och 11,912. Bolivia. Collected February 1978. Vicinity of Carabuco, Camacho, La Paz. 3820m. Wild. Seed.

498187. Och 11,917. Bolivia. Collected February 1978. Near Tablachaca in route from Quime to Eucaliptus via Colcha, Aroma, La Paz. 4100m. Wild. Seed.

498188. Och 11,961. Bolivia. Collected February 1978. Pass of Machu Cruz, Sud Chichas, Potosi. 4250m. Wild. Seed.

498189. Och 11,965. Bolivia. Collected February 1978. In route

498178 TO 498203-continued
from Machu Cruz to Tupiza, Sud Chichas, Potosi. 3800m. Wild. Seed.

498190. Och 11,979. Bolivia. Collected February 1978. San Miguel, Aviles, Tarija. 3840m. Wild. Seed.

498191. Och 11,983. Bolivia. Collected February 1978. Near Laguna de Tajsara, south shores, Aviles, Tarija. 3700m. Wild. Seed.

498192. Och 11,984. Bolivia. Collected February 1978. Wild. Seed.

498193. Och 11,990. Bolivia. Collected February 1978. Patanca, Aviles, Tarija. 3750m. Wild. Seed.

498194. Och 12,067. Peru. Collected February 1978. Vicinity of Conococha, near Lake of Conococha, Recuay, Ancash. 4080m. Wild. Seed.

498195. Och 12,068. Peru. Collected February 1978. Near mines of Tuco, Recuay, Ancash. 4150m. Wild. Seed.

498196. Och 12,069. Peru. Collected February 1978. Between Ticapampa and Pass of Cahuish, heights of route to Chavin, Recuay. 4400m. Wild. Seed.

498197. Och 12,073. Peru. Collected February 1978. Tambillo, Huari, Ancash. 3900m. Wild. Seed.

498198. Och 12,088. Peru. Collected February 1978. Quebrada de Pahacoto, in route from Catac to Carpa, Recuay, Ancash. 3750m. Wild. Seed.

498199. Och 12,090. Peru. Collected February 1978. Quebrada de Pahacoto, in route from Catac to Carpa, Recuay, Ancash. 3750m. Wild. Seed.

498200. Och 12,092. Peru. Collected February 1978. Carpa, Recuay, Ancash. 3950m. Wild. Seed.

498201. Och 12,094. Peru. Collected February 1978. Puruspunta, route Huaras Wilca-huain, Huaras, Ancash. 3600m. Wild. Seed.

498202. Och 13,005. Peru. Collected February 1978. Puca Chaca, between Tarica and Sihuas, Sihuas, Ancash. 4100m. Wild. Seed.

498203. Och 13,014. Peru. Collected February 1978. Between Ticapampa and Conococha, Recuay, Ancash. 4100m. Wild. Seed.

498204. Solanum acroglossum Juz. (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 11,297. Peru. Pasco. Wild. Seed.

498205. Solanum alandiae Cardenas (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 12,014. Bolivia. Collected February 1978. Wild. Seed.

498206. Solanum albornozii Correll (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 11,007. Ecuador. Loja. Wild. Seed.

498207 TO 498213. Solanum ambosinum Ochoa (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498207. Och 12,077. Peru. Collected February 1978. Cuncayoc, Antonio Raymondi, Ancash. 3800m. Wild. Seed.

498208. Och 12,078. Peru. Collected February 1978. Cuncayoc, Antonio Raymondi, Ancash. 3850m. Wild. Seed.

498209. Och 12,080. Peru. Collected February 1978. Acopalca, in route from Huari to San Luis, Huari, Ancash. 3200m. Wild. Seed.

498210. Och 12,082. Peru. Collected February 1978. Segundo Rag Rag, above Ccopalca, in route from Huari to San Luis, Huari. 3500m. Wild. Seed.

498211. Och 13,011. Peru. Collected February 1978. San Luis, Huari, Ancash. 3200m. Wild. Seed.

498212. Och 13,015. Peru. Collected February 1978. Maria Huayta, Yungay, Ancash. 3750m. Wild. Seed.

498213. Och 13,020. Peru. Collected February 1978. Near Portada

498207 TO 498213-continued
de Santa Cruz, Huaylas, Ancash. 3400-3500m. Wild. Seed.

498214. Solanum blanco-galdosii Ochoa (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 13,009. Peru. Collected February 1978. Santa Rosa, Sihuas, Ancash. 3100m. Wild. Seed.

498215. Solanum boliviense Dunal (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 11,929. Bolivia. Collected February 1978.

498216 TO 498217. Solanum brachistotrichum (Bitter) Rydb. (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498216. Och 14,195. Mexico. Collected September 1980. Edo. Chihuahua, Canyon de Majalca. 1775m. Wild. Seed.

498217. Och 14,206. Mexico. Collected September 1980. Edo. Chihuahua, route Chihuahua-Ciudad Juarez. 1550m. Wild. Seed.

498218. Solanum brevicaule Bitter (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 11,911. Bolivia. Collected February 1978. Huichi Huichi near Achacachi, Omasuyos, La Paz. 3810m. Wild. Seed.

498219 TO 498222. Solanum bukasovii Juz. ex Rybin (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498219 TO 498222-continued

498219. Och 11,301. Peru. Yauli, Junin. Wild. Seed.

498220. Och 11,337. Peru. Yauli, Junin. Wild. Seed.

498221. Och 11,841. Peru. Collected February 1978. Huancayo, Junin. Wild. Seed.

498222. Och 11,876. Peru. Collected February 1978. Jauja, Junin. 3450m. Wild. Seed.

498223 TO 498225. Solanum bulbocastanum Dun. (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498223. Och 14,142. Mexico. Collected September 1980. Edo. Oaxaca, Monte Alban. 1550m. Wild. Seed.

498224. Och 14,162. Mexico. Collected September 1980. Edo. Michoacan, Las Palmitas. 1825m. Wild. Seed.

498225. Och 14,163. Mexico. Collected September 1980. Edo. Michoacan, route Toluca-Morelia. 1920m. Wild. Seed.

498226 TO 498227. Solanum candolleanum Berthault (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498226. Och 11,897. Bolivia. Collected February 1978. Pantini near Italque, Camacho, La Paz. 3600m. Wild. Seed.

498227. Och 11,913. Bolivia. Collected February 1978. Wild. Seed.

498228. Solanum colombianum Dun. (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 13,401. Ecuador. Quito. Wild. Seed.

498229 TO 498233. Solanum demissum Lindl. (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa.

498229 TO 498233-continued
Received November 1984.

498229. Och 14,154. Mexico. Collected September 1980. Edo. Hildago, Real de Monte, in route Mexico-Pachuca. 2700m. Wild. Seed.

498230. Och 14,155. Mexico. Collected September 1980. Edo. Hildago, Real de Monte, in route Mexico-Pachuca. 2700m. Wild. Seed.

498231. Och 14,156. Mexico. Collected September 1980. Edo. Hildago, Real de Monte, in route Mexico-Pachuca. 2700m. Wild. Seed.

498232. Och 14,158. Mexico. Collected September 1980. Edo. Mexico, vicinity of Bosencheve, in route Zitacuaro-V. Victoria. 2475m. Wild. Seed.

498233. Och 14,217. Mexico. Collected September 1980. Edo. Mexico, between Toluca-San Juan de Las Huertas. 3000m. Wild. Seed.

498234 TO 498237. Solanum dolichocremastrum Bitter (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498234. Och 12,071. Peru. Collected February 1978. Tambillo, before bridge on Cahuish river, Huari, Ancash. 3900m. Wild. Seed.

498235. Och 12,072. Peru. Collected February 1978. Tambillo, Ancash. 3900m. Wild. Seed.

498236. Och 12,074. Peru. Collected February 1978. Ccaccas near Llamellin, Antonio Raymondi, Ancash. 4000m. Wild. Seed.

498237. Och 13,013. Peru. Collected February 1978. San Marcos, in route from San Luis, Huari, Ancash. 3900m. Wild. Seed.

498238 TO 498241. Solanum fendleri A. Gray (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498238. Och 14,196. Mexico. Collected September 1980. Edo. Chihuahua, Madera. 2075m. Wild. Seed.

498239. Och 14,201. Mexico. Collected September 1980. Edo.

498238 TO 498241-continued
Chihuahua, El Mirador. 2250m. Wild. Seed.

498240. Och 14,202. Mexico. Collected September 1980. Edo. Chihuahua, El Mirador. 2150m. Wild. Seed.

498241. Och 14,205. Mexico. Collected September 1980. Edo. Chihuahua, route Tomochic-Basasiachic. 1975m. Wild. Seed.

498242. Solanum hastiforme Correll (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 12,099. Peru. Collected February 1978. Wild. Seed.

498243 TO 498244. Solanum huancabambense Ochoa (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498243. Och 11,619. Peru. Huancabamba, Piura. Wild. Seed.

498244. Och 11,627. Peru. Huancabamba, Piura. Wild. Seed.

498245. Solanum immite Dunal (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 13,346. Peru. Trujillo, La Libertad. Wild. Seed.

498246 TO 498248. Solanum infundibuliforme Phil. (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498246. Och 11,966. Bolivia. Collected February 1978. Wild. Seed.

498247. Och 11,973. Bolivia. Collected February 1978. Mojo, Sud Chichas, Potosi. 3400m. Wild. Seed.

498248. Och 11,977. Bolivia. Collected February 1978. Muchara, between Tolo and Iscayachi, Aviles, Tarija. 3500m. Wild. Seed.

498249 TO 498251. Solanum iopetalum (Bitter) Hawkes (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498249. Och 14,138. Mexico. Collected September 1980. Edo. Oaxaca, near de Yucumino de Guerrero. 2750m. Received as Solanum brachycarpum. Wild. Seed.

498250. Och 14,140. Mexico. Collected September 1980. Edo. Oaxaca, between La Cumbre and Yavila. 2750m. Wild. Seed.

498251. Och 14,146. Mexico. Collected September 1980. Edo. Oaxaca, Manzanal. 2250m. Received as Solanum brachycarpum. Wild. Seed.

498252. Solanum laxissimum Bitter (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 11,855. Bolivia. Collected February 1978. Wild. Seed.

498253. Solanum lignicaule Vargas (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 11,617. Peru. Calca, Cusco. Wild. Seed.

498254 TO 498256. Solanum marinasense Vargas (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498254. Och 13,620. Peru. Paucarpata, Cusco. Wild. Seed.

498255. Och 13,673. Peru. Cusco. Wild. Seed.

498256. Och 13,722. Peru. Tintico, Cusco. Wild. Seed.

498257 TO 498263. Solanum megistacrolobum Bitter (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498257 TO 498263-continued

498257. Och 11,914. Bolivia. Collected February 1978. Huenacta, between Tres Cruces and Quime, Inquisive, La Paz. 4450m. Wild. Seed.

498258. Och 11,916. Bolivia. Collected February 1978. Wild. Seed.

498259. Och 11,960. Bolivia. Collected February 1978. Pass of Machu Cruz, Sud Chichas, Potosi. 4250m. Wild. Seed.

498260. Och 11,962. Bolivia. Collected February 1978. Pass of Machu Cruz in route to Tupiza, Sud Chichas, Potosi. 4100m. Wild. Seed.

498261. Och 11,963. Bolivia. Collected February 1978. Pass of Machu Cruz in route to Tupiza, Sud Chichas, Potosi. 4100m. Wild. Seed.

498262. Och 11,964. Bolivia. Collected February 1978. Pass of Machu Cruz in route to Tupiza, Sud Chichas, Potosi. 4100m. Wild. Seed.

498263. Och 12,098. Bolivia. Collected February 1978. Wild. Seed.

498264. Solanum morelliforme Bitter & Muench. (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 14,210. Mexico. Collected September 1980. Edo. Puebla, Puerto del Aire. 2300m. Wild. Seed.

498265 TO 498267. Solanum multiinterruptum Bitt. (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498265. Och 12,065. Peru. Collected February 1978. Sicsipampa, Recuay, Ancash. 3500m. Wild. Seed.

498266. Och 12,066. Peru. Collected February 1978. Sicsipampa, Recuay, Ancash. 3500m. Wild. Seed.

498267. Och 12,096. Peru. Collected February 1978. Sicsipampa, Recuay, Ancash. 3450m. Wild. Seed.

498268. Solanum ochranthum Humb. & Bonpl. ex Dun. (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center;

498268-continued
Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 14,329. Peru. Abancay, Apurimac. Wild. Seed.

498269 TO 498271. Solanum oplocense Hawkes (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498269. Och 11,970. Bolivia. Collected February 1978. Wild. Seed.

498270. Och 11,971. Bolivia. Collected February 1978. Wild. Seed.

498271. Och 11,972. Bolivia. Collected February 1978. Above Pilquiza 5km, Sud Chichas, Potosi. 3450m. Wild. Seed.

498272. Solanum oxycarpum Schiede (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 14,213. Mexico. Collected September 1980. Edo. Veracruz, La Joya. 2050m. Wild. Seed.

498273. Solanum polyadenium Greenm. (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 14,165. Mexico. Collected September 1980. Edo. Michoacan, between Morelia and Patzcuaro. 1850m. Wild. Seed.

498274 TO 498276. Solanum polytrichon Rydb. (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498274. Och 14,178. Mexico. Collected September 1980. Edo. Queretaro, route Irapuato-Queretaro. 1840m. Wild. Seed.

498275. Och 14,181. Mexico. Collected September 1980. Edo. Queretaro, route Irapuato-Queretaro. 1840m. Wild. Seed.

498276. Och 14,184. Mexico. Collected September 1980. Edo. Queretaro, route San Juan del Rio-Palmillas. 2040m. Wild. Seed.

498277. Solanum pumilum Hawkes (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 11,910. Bolivia. Collected February 1978. Received as Solanum achacachense. Wild. Seed.

498278. Solanum raphanifolium Cardenas & Hawkes (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 13,645. Peru. Pajlaira, Cusco. Wild. Seed.

498279. Solanum rickii Correll (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 13,095. Chile. Collected January 01, 1979. North of Chuquicamata, Autofagasta. 2800m. Wild. Seed.

498280. Solanum schenckii Bitter (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 14,137. Mexico. Collected September 1980. Edo. Oaxaca, vicinity of Tlaxiaco. 2750m. Wild. Seed.

498281. Solanum sp. (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 11,927. Bolivia. Collected February 1978. Azari, Chuquisaca, Oropeza. 2680m. Wild. Seed.

498282 TO 498286. Solanum sparsipilum (Bitt.) Juz. & Buk. (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498282. Och 11,892. Bolivia. Collected February 1978. Casani, Copacabana, La Paz. 3850m. Wild. Seed.

498283. Och 11,893. Bolivia. Collected February 1978. Wild. Seed.

498284. Och 11,894. Bolivia. Collected February 1978. Casani, near Copacabana, La Paz. 3850m. Wild. Seed.

498285. Och 11,940. Bolivia. Collected February 1978. Cancha Cancha between Millares and Betanzos, Saavedra, Potosi. 3030m. Wild. Seed.

498286. Och 11,946. Bolivia. Collected February 1978. Vicinity of Tacaquira, Nor Cinti, Chuquisaca. 2930m. Wild. Seed.

498287 TO 498288. Solanum stoloniferum Schlechtd. (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498287. Och 14,135. Mexico. Collected September 1980. Edo. Oaxaca, vicinity of Tlaxiaco. 2750m. Wild. Seed.

498288. Och 14,145. Mexico. Collected September 1980. Edo. Oaxaca, hill by Pacatillo. 2275m. Wild. Seed.

498289. Solanum subpanduratum Ochoa (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 11,208. Venezuela. Merida. Wild. Seed.

498290. Solanum tarijense Hawkes (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 12,001. Bolivia. Collected February 1978. Wild. Seed.

498291 TO 498295. Solanum tuberosum subsp. andigena (Juz. & Buk.) Hawkes (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

498291. Och 11,919. Bolivia. Collected February 1978. Guadalupe, Oropeza, Chuquisaca. 2980m. Wild. Seed.

498292. Och 11,920. Bolivia. Collected February 1978. Guadalupe, Oropeza, Chuquisaca. 2980m. Wild. Seed.

498293. Och 11,922. Bolivia. Collected February 1978. Guadalupe, Oropeza, Chuquisaca. 2980m. Wild. Seed.

498294. Och 11,953. Bolivia. Collected February 1978. Saflina, Sud Cinti, Chuquisaca. 2980m. Wild. Seed.

498295. Och 11,975. Bolivia. Collected February 1978. Side slopes of river, Mayo, Sud Chichas, Potosi. 3400m. Wild. Seed.

498296. Solanum violaceimarmoratum Bitter (Solanaceae).

From Peru. Donated by Ochoa, C.M.; International Potato Center; Lima. Code numbers refer to collection by C.M. Ochoa. Received November 1984.

Och 11,901. Bolivia. Collected February 1978. Wild. Seed.

498297. Solanum acaule Bitter (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham, B15 2TT. Code numbers refer to collection by J.P. Hjerting. Received December 1984.

Hje 1502. Peru. Collected 1958. Apurimac, Abancay. Other identification number H.51/6. Seed.

498298. Solanum chacoense Bitter (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham, B15 2TT. Received December 1984.

Haw 537. Other identification number N15 (118). Seed.

498299. Solanum demissum Lindl. (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham, B15 2TT. Received December 1984.

Haw 1134. Mexico. Durango. Other identification number CPC 2449. Seed.

498300 TO 498302. Solanum sucrense Hawkes (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham, B15 2TT. Received December 1984.

498300. Haw 6126. Bolivia. Latitude: 19 deg 28 m S; Longitude: 065 deg 50 m W. Collected April 19, 1974. On road to Oruro, 30km from Potosi, just before Totora, Potosi Department. Wild. Seed.

498301. Haw 6127. Bolivia. Latitude: 19 deg 28 m S; Longitude: 065 deg 50 m W. Collected April 19, 1974. On road to Oruro, 30km from Potosi, just before Totora, Potosi Department. Wild. Seed.

498302. Haw 6128. Bolivia. Latitude: 19 deg 28 m S; Longitude: 065 deg 50 m W. Collected April 19, 1974. On road to Oruro, 30km from Potosi, just before Totora, Potosi Department. Wild. Seed.

498303. Solanum trifidum Correll (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham, B15 2TT. Received December 1984.

H.548. Mexico. Gra 10/243. Collected 1957. Breeding Material. Seed.

498304. Solanum multidissectum Hawkes (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham, B15 2TT. Code numbers refer to collection by J.G. Hawkes, A.M. van Harten and J. Landeo. Received December 1984.

HHL 5487. Peru. Latitude: 14 deg 28 m S; Longitude: 071 deg 04 m W. Collected March 12, 1974. Road from Cuzco to Puno, below La Raya Pass, Aguas Calientes, Cuzco Dept. 4050m. Wild. Seed.

498305. Solanum sparsipilum (Bitt.) Juz. & Buk. (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham, B15 2TT. Code numbers refer to collection by J.G. Hawkes, A.M. van Harten and J. Landeo.
Received December 1984.

HHL 5418. Peru. Latitude: 13 deg 20 m S; Longitude: 071 deg 54 m W. Collected March 08, 1974. Road from Calca to Pisac, 11km from Calca, Cuzco Department. 3000m. Wild. Seed.

498306. Solanum sucrense Hawkes (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham, B15 2TT. Code numbers refer to collection by J.G. Hawkes, A.M. van Harten and J. Landeo.
Received December 1984.

HHL 5723. Bolivia. Latitude: 20 deg 15 m S; Longitude: 065 deg 11 m W. Collected March 29, 1974. Rd fr Potosi to Camargo, 124km fr Potosi, 3km before Padcaya, Chuquisaca. 3450m. Wild. Seed.

498307 TO 498309. Solanum tuberosum subsp. andigena (Juz. & Buk.) Hawkes (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham, B15 2TT. Code numbers refer to collection by J.G. Hawkes, A.M. van Harten and J. Landeo.
Received December 1984.

498307. HHL 5727. Bolivia. Latitude: 20 deg 15 m S; Longitude: 065 deg 11 m W. Collected March 29, 1974. Rd fr Potosi to Camargo, 124km fr Potosi, 3km before Padcaya, Chuquisaca. 3450m. Wild. Seed.

498308. HHL 6108. Bolivia. Latitude: 21 deg S; Longitude: 065 deg 35 m W. Collected April 17, 1974. Rio Blanco, 43km from Tupiza on road to Cotagaita, Potosi Department. 3200m. Wild. Seed.

498309. HHL 6114. Bolivia. Latitude: 20 deg 56 m S; Longitude: 065 deg 38 m W. Collected April 17, 1974. Ramada, 49km from Tupiza on road to Cotagaita, Potosi Department. Wild. Seed.

498310. Solanum tuberosum subsp. andigena (Juz. & Buk.) Hawkes (Solanaceae).

From United Kingdom. Donated by Hawkes, J.G.; Department of Plant Biology, University of Birmingham; Birmingham, B15 2TT. Code numbers refer to collection by J.P. Hjerting, P.J. Cribb and Z. Huaman.
Received December 1984.

HHCH 4856. Bolivia. Patacamaya, La Paz. Patacamaya Experiment Station. Collected March 29, 1971. 3900m. Cultivated. Seed.

498311. Solanum etuberosum Lindl. (Solanaceae).

From Chile. Donated by Contreras M.A.; Institute of Plant Production, Austral University of Chile; Valdivia.
Received December 1984.

UAC 1322. Chile. Collected January 09, 1978. Estero Ponce. 615m. Wild. Seed.

498312. Solanum multiinterruptum Bitt. (Solanaceae).

From Chile. Donated by Chavez, R.; International Potato Center; Lima.
Received December 1984.

RC 35. Peru. 2000m. Received as Solanum coelestipelatum. Wild. Seed.

498313. Solanum candolleanum Berthault (Solanaceae).

From Bolivia. Donated by Zavaleta R., M.; La Paz.
Received December 1984.

Zav 1597. Bolivia. Collected April 20, 1971. Tacacoma cemetery. 3550m. Wild. Seed.

498314. Solanum violaceimarmoratum Bitter (Solanaceae).

From Bolivia. Donated by Zavaleta R., M.; La Paz.
Received December 1984.

Zav 1579. Bolivia. Collected April 15, 1971. From Unduavir to Coroico, 10km. 2730m. Wild. Seed.

498315. Solanum gourlayi Hawkes (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental

498315-continued
Regional Agropecuaria, INTA; 7620 Balcarce. Code numbers refer to collection by J.G. Hawkes, K.A. Okada and A.M. van Harten.
Received December 1984.

HOH 6106. Argentina. Collected April 16, 1974.

498316 TO 498325. Solanum chacoense Bitter (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce.
Received December 1984.

498316. Argentina. Hof 1554 (Bal 709)/Hof 1582 (Bal 7014). Breeding Material. Seed.

498317. Argentina. Hof 1560 (Bal 7011)/Hof 1561 (Bal 7012). Breeding Material. Seed.

498318. Argentina. Oka 2823 (Bal 67106)/Oka 2885 (Bal 67107). Breeding Material. Seed.

498319. Argentina. Oka 2829 (Bal 67101)/Oka 2839 (Bal 6799). Breeding Material. Seed.

498320. Argentina. Oka 2838 (Bal 6797)/Oka 2839 (Bal 6799). Breeding Material. Seed.

498321. Argentina. Haw 3278 (Bal 6616)/Oka 4192 (Bal 721). Breeding Material. Seed.

498322. Argentina. Oka 4951/Oka 4952. Breeding Material. Seed.

498323. Argentina. Oka 5023/Oka 5024. Breeding Material. Seed.

498324. Argentina. Oka 5317/Oka 5318. Breeding Material. Seed.

498325. Oka 7309. Argentina. Latitude: 28 deg 20 m S; Longitude: 059 deg 17 m W. Collected July 03, 1980. National Rte 11, 2km N of Las Tascas, General Obligado Department. 50m. Breeding Material. Seed.

498326 TO 498332. Solanum gourlayi Hawkes (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce.
Received December 1984.

498326. Argentina. Oka 4319 (Bal 72120)/Oka 4332 (Bal 72133). Breeding Material. Seed.

498326 TO 498332-continued

498327. Argentina. Oka 4328 (Bal 72129)/Oka 4331 (Bal 72132). Breeding Material. Seed.

498328. Argentina. Oka 4349A (Bal 72150A)/Oka 4345 (Bal 72146). Breeding Material. Seed.

498329. Hof 1727. Argentina. Latitude: 22 deg 31 m S; Longitude: 065 deg 07 m W. Collected 1970. Rio Nazareno, Salta Province, Santa Victoria Department. 3050m. Wild. Seed.

498330. Oka 6787B (Bal 7861B). Argentina. Latitude: 22 deg 56 m S; Longitude: 065 deg 19 m W. Collected April 24, 1978. Stream bank in river ravine, bet. Iturbe & Iruya, Chaupi Rodero, Humahuaca. 3700m. Wild. Seed.

498331. Oka 6792 (Bal 7865). Argentina. Latitude: 22 deg 56 m S; Longitude: 065 deg 19 m W. Collected April 21, 1978. Stream bank in river ravine, bet. Iturbe & Iruya, Chaupi Rodero, Humahuaca. 3700m. Wild. Seed.

498332. Oka 6829 (Bal 7899). Argentina. Latitude: 22 deg 49 m S; Longitude: 065 deg 14 m W. Collected April 23, 1978. Just through tunnel, 500m up ravine of El Volcancito,2km before Iruya,Iruya. 3000m. Wild. Seed.

498333 TO 498356. Solanum infundibuliforme Phil. (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce. Received December 1984.

498333. Argentina. Oka 3685 (Bal 717)/Oka 3705 (Bal 7114). Breeding Material. Seed.

498334. Argentina. Oka 3703 (Bal 7112)/Oka 3705 (Bal 7114). Breeding Material. Seed.

498335. Argentina. Oka 3714 (Bal 7121)/Oka 3705 (Bal 7114). Breeding Material. Seed.

498336. Argentina. Oka 3753 (Bal 7140)/Oka 4486 (Bal 72278). Breeding Material. Seed.

498337. Argentina. Oka 3853 (Bal 7199)/Oka 3851 (Bal 7198). Breeding Material. Seed.

498338. Argentina. Oka 3916 (Bal 71125)/Oka 3935 (Bal 71143). Breeding Material. Seed.

498339. Argentina. Oka 3941 (Bal 711499/Oka 3955A (Bal 71162A). Breeding Material. Seed.

498340. Argentina. Oka 3961 (Bal 71166)/Oka 3955A (Bal 71162A). Breeding Material. Seed.

498341. Argentina. Oka 3966 (Bal 71169)/Oka 3961 (Bal 71166). Breeding Material. Seed.

498342. Argentina. Oka 3970 (Bal 71172)/Oka 3955A (Bal 71162A). Breeding Material. Seed.

498343. Argentina. Oka 3970 (Bal 71172)/Oka 3966 (Bal 71169). Breeding Material. Seed.

498344. Argentina. Oka 3976 (Bal 71175)/Oka 3980 (Bal 71179). Breeding Material. Seed.

498345. Argentina. Oka 3978 (Bal 71177)/Oka 3980 (Bal 71179). Breeding Material. Seed.

498346. Argentina. Oka 3980 (Bal 71179)/Oka 3976 (Bal 71175). Breeding Material. Seed.

498347. Argentina. Oka 3990 (Bal 71187)/Oka 3994 (Bal 71190). Breeding Material. Seed.

498348. Argentina. Oka 4007 (Bal 71193)/Oka 4030B (Bal 71214B). Breeding Material. Seed.

498349. Argentina. Oka 4316 (Bal 72117)/Oka 4326 (Bal 72127). Breeding Material. Seed.

498350. Argentina. Oka 4318A (Bal 72119A)/Oka 4326 (Bal 72127). Breeding Material. Seed.

498351. Argentina. Oka 4349B (Bal 72150B)/Oka 4313 (Bal 72114). Breeding Material. Seed.

498352. Argentina. Oka 4448A (Bal 72243A)/Oka 4571A(Bal 72356A). Breeding Material. Seed.

498353. Argentina. Oka 4486 (Bal 72278)/Oka 4487 (Bal 72279). Breeding Material. Seed.

498354. Argentina. Oka 4491 (Bal 72283)/Oka 4492 (Bal 72284). Breeding Material. Seed.

498355. Argentina. Oka 4557 (Bal 72344)/Oka 4558A (Bal 72345A). Breeding Material. Seed.

498356. Argentina. Oka 6001 (Bal 74550)/Oka 6002 (Bal 74551). Breeding Material. Seed.

498357 TO 498360. Solanum kurtzianum Bitter & Wittm. ex Engl. (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce. Received December 1984.

498357. Argentina. Hof 1744 (Bal 7075)/Hof 1752 (Bal 7080). Breeding Material. Seed.

498358. Argentina. Hof 1755 (Bal 7083)/Hof 1751 (Bal 7079). Breeding Material. Seed.

498359. Argentina. Hof 1756 (Bal 7084)/Hof 1755 (Bal 7083). Breeding Material. Seed.

498360. Argentina. Hof 1758 (Bal 7086)/Hof 1759 (Bal 7087). Breeding Material. Seed.

498361 TO 498385. Solanum megistacrolobum Bitter (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce. Received December 1984.

498361. Argentina. Oka 3890 (Bal 71112)/Oka 3905 (Bal 71115). Breeding Material. Seed.

498362. Argentina. Oka 3890 (Bal 71112)/Oka 3886 (Bal 71109). Breeding Material. Seed.

498363. Argentina. Oka 3912 (Bal 71122)/Oka 3915 (Bal 71124). Breeding Material. Seed.

498364. Argentina. Oka 3914 (Bal 71123)/Oka 3912 (Bal 71122). Breeding Material. Seed.

498365. Argentina. Oka 3915 (Bal 71124)/Oka 3916A (Bal 71125A). Breeding Material. Seed.

498366. Argentina. Oka 3930 (Bal 71138)/Oka 3924 (Bal 71132). Breeding Material. Seed.

498367. Argentina. Oka 3931 (Bal 71139)/Oka 3930 (Bal 71138). Breeding Material. Seed.

498368. Argentina. Oka 3975 (Bal 71174)/Oka 3979 (Bal 71178). Breeding Material. Seed.

498369. Argentina. Oka 3977 (Bal 71176)/Oka 3975 (Bal 71174). Breeding Material. Seed.

498370. Argentina. Oka 3985 (Bal 71183)/Oka 3995 (Bal 71191).

498361 TO 498385-continued
Breeding Material. Seed.

498371. Argentina. Oka 3989 (Bal 71186)/Oka 3991 (Bal 71188). Breeding Material. Seed.

498372. Argentina. Oka 3994A (Bal 71190A)/Oka 3991 (Bal 71188). Breeding Material. Seed.

498373. Argentina. Oka 4008 (Bal 71199)/Oka 3995 (Bal 71191). Breeding Material. Seed.

498374. Argentina. Oka 4358 (Bal 72159)/Oka 4373 (Bal 72174). Breeding Material. Seed.

498375. Argentina. Oka 4411 (Bal 72209)/Oka 4424 (Bal 72222). Breeding Material. Seed.

498376. Argentina. Oka 4420 (Bal 72218)/Oka 4424 (Bal 72222). Breeding Material. Seed.

498377. Argentina. Oka 4425 (Bal 72223)/Oka 4428 (Bal 72226). Breeding Material. Seed.

498378. Argentina. Oka 4436 (Bal 72233)/Oka 4421 (Bal 72219). Breeding Material. Seed.

498379. Argentina. Oka 4443 (Bal 72239)/Oka 4424 (Bal 72222). Breeding Material. Seed.

498380. Argentina. Oka 4453 (Bal 72248)/Oka 4448B (Bal 72243B). Breeding Material. Seed.

498381. Argentina. Oka 4459B (Bal 72253B)/Oka 4485 (Bal 72277). Breeding Material. Seed.

498382. Argentina. Oka 4509 (Bal 72300)/Oka 4510 (Bal 72301). Breeding Material. Seed.

498383. Argentina. Oka 4518 (Bal 72309)/Oka 4527B (Bal 72318B). Breeding Material. Seed.

498384. Argentina. Oka 4570A (Bal 72355A)/Oka 4518 (Bal 72309). Breeding Material. Seed.

498385. Argentina. Oka 5754 (Bal 74376)/Oka 5755 (Bal 74377). Breeding Material. Seed.

498386 TO 498387. Solanum microdontum Bitt. (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce. Received December 1984.

498386 TO 498387-continued

498386. Argentina. Haw 3473/Oka 3681. Breeding Material. Seed.

498387. Argentina. Haw 3830/Oka 3473. Breeding Material. Seed.

498388 TO 498390. Solanum oplocense Hawkes (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce. Received December 1984.

498388. Argentina. Oka 4502 (Bal 72293)/Oka 3827 (Bal 7184). Wild. Seed.

498389. Argentina. Oka 5504A (Bal 74161)/Oka 5506 (Bal 74163). Wild. Seed.

498390. Oka 5606A (Bal 74251A). Argentina. Latitude: 24 deg 19 m S; Longitude: 066 deg 06 m W. Collected April 05, 1974. Steep slope bet. rd & river, Rte 51, 8km NW of Las Cuevas, Rosari de Lerma. 3700m. Wild. Seed.

498391 TO 498393. Solanum sanctae-rosae Hawkes (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce. Received December 1984.

498391. Argentina. Oka 5692 (Bal 74321)/Oka 5697 (Bal 74326). Breeding Material. Seed.

498392. Argentina. Oka 5695 (Bal 74324)/Oka 5697 (Bal 74326). Breeding Material. Seed.

498393. Argentina. Oka 6152 (Bal 7582)/Oka 6153 (Bal 7583). Breeding Material. Seed.

498394 TO 498398. Solanum spegazzinii Bitter (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce. Received December 1984.

498394. Argentina. Oka 3793 (Bal 7163)/Oka 3794 (Bal 7164). Breeding Material. Seed.

498395. Argentina. Oka 4063 (Bal 71238)/Oka 4064 (Bal 71239). Breeding Material. Seed.

498396. Argentina. Oka 4069 (Bal 71244)/Oka 4068 (Bal 71243).

498394 TO 498398-continued
Breeding Material. Seed.

498397. Argentina. Oka 4071 (Bal 71246)/Oka 4070 (Bal 71245).
Breeding Material. Seed.

498398. Argentina. Oka 4068 (Bal 71243)/Oka 4070 (Bal 71245).
Breeding Material. Seed.

498399. Solanum tarijense Hawkes (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce.
Received December 1984.

Argentina. Hof 1886 (Bal 71356)/Hof 1867 (Bal 71276).
Breeding Material. Seed.

498400 TO 498405. Solanum venturii Hawkes & Hjerting (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce.
Received December 1984.

498400. Argentina. HHR 3741 (Bal 6669)/Oka 4388 (Bal 72189).
Breeding Material. Seed.

498401. Argentina. Oka 4365 (Bal 72166)/Oka 4372 (Bal 72173).
Breeding Material. Seed.

498402. Argentina. Oka 4372 (Bal 72173)/Oka 4481 (Bal 72273).
Breeding Material. Seed.

498403. Argentina. Oka 4388 (Bal 72189)/Oka 4392 (Bal 72193).
Breeding Material. Seed.

498404. Argentina. Oka 4388 (Bal 72189)/Oka 4404 (Bal 72203).
Breeding Material. Seed.

498405. Argentina. Oka 4407 (Bal 72205)/Oka 4481 (Bal 72273).
Breeding Material. Seed.

498406. Solanum vernei Bitt. & Wittm. ex Engl. (Solanaceae).

From Denmark. Donated by Hjerting, J.P.; Botanisk Have, Kobenhavns Universitet; DK-1353 Copenhagen K.
Received December 1984.

Hje 6365. Argentina. Latitude: 26 deg 45 m S; Longitude: 065 deg 47 m W. Collected March 08, 1979. Ruta to Infiernillo, from km 82 to Rio Infiernillo, Tafi

498406-continued
Department. 2800m. Wild. Seed.

498407. Solanum jamesii Torr. (Solanaceae).

From United States. Donated by Munger, H.M.; Department of Plant Breeding, Cornell University; Ithaca, New York.
Received December 1984.

United States. Possible descendent of W.J. Dress 4892 plant which was originally from Pueblo Bonito, New Mexico. Wild. Tubers.

498408. Solanum commersonii subsp. malmeanum (Bitter) Hawkes & Hjert. (Solanaceae).

From Denmark. Donated by Hjerting, J.P.; Botanisk Have, Kobenhavns Universitet; DK-1353 Copenhagen K.
Received December 1984.

Brazil. Collected June 14, 1977. Estrada, Granja Piratini, Santo Angelo. Collected by K. Haglund.

498409. Solanum rickii Correll (Solanaceae).

From United States. Donated by Ehlenfeldt, M.K.; Department of Horticulture, University of Wisconsin; Madison, Wisconsin.
Received December 1984.

Rick 1974. Seed.

498410. Solanum sp. (Solanaceae).

From Mexico. Donated by INIA; Mexico 6, D.F.
Received December 1984.

S-790. Mexico. Possibly collected by F. Crespo. Seed.

498411. Solanum chancayense Ochoa (Solanaceae).

From German Democratic Repub. Donated by Rothacker, D.; Institute of Plant Breeding; Gross-Lusewitz.
Received December 1984.

GLKS 127/1. Peru. Chancay, Loma Lachay. Collector number Schick 137. Seed.

498412. Solanum etuberosum Lindl. (Solanaceae).

From German Democratic Repub. Donated by Rothacker, D.; Institute of Plant Breeding; Gross-Lusewitz.
Received December 1984.

GLKS 13/2. Chile. Other identification numbers are CCC 654, CPC 2464. Seed.

498413. Solanum huancabambense Ochoa (Solanaceae).

From German Democratic Repub. Donated by Rothacker, D.; Institute of Plant Breeding; Gross-Lusewitz.
Received December 1984.

GLKS 155/1. Peru. Collected by C.M. Ochoa. Seed.

498414. Solanum megistacrolobum Bitter (Solanaceae).

From German Democratic Repub. Donated by Rothacker, D.; Institute of Plant Breeding; Gross-Lusewitz.
Received December 1984.

GLKS 38/3. Bolivia. Cayachi. Collected by Dodds/Paxman. Other identification number is CPC 3273. Seed.

498415. Solanum brevidens Phil. (Solanaceae).

From Argentina. Donated by Brucher, H.; Centro Regional de Investigaciones Cientificas y Tecnologicas; Mendoza.
Received December 1984.

Bru 8. Chile. Quetrihue. Seed.

498416. Solanum commersonii Dunal ex Poir. (Solanaceae).

From Argentina. Donated by Brucher, H.; Centro Regional de Investigaciones Cientificas y Tecnologicas; Mendoza.
Received December 1984.

Bru 10. Argentina. Calchaqui, Santa Fe Province. Seed.

498417 TO 498419. Solanum commersonii subsp. malmeanum (Bitter) Hawkes & Hjert. (Solanaceae).

From Argentina. Donated by Brucher, H.; Centro Regional de Investigaciones Cientificas y Tecnologicas; Mendoza.
Received December 1984.

498417 TO 498419-continued

498417. Bru 16. Brazil. Seed.

498418. Bru 18. Paraguay. Chaco. Seed.

498419. Bru 19. Brazil. Ijuy, Rio Grande do Sul state. Seed.

498420 TO 498422. Solanum kurtzianum Bitter & Wittm. ex Engl. (Solanaceae).

From Argentina. Donated by Brucher, H.; Centro Regional de Investigaciones Cientificas y Tecnologicas; Mendoza. Received December 1984.

498420. Bru 6. Argentina. Tupungato, Mendoza Province. Seed.

498421. Bru 7. Argentina. Tupungato, Mendoza Province. Seed.

498422. Bru 17. Argentina. Villa Vicencia, Mendoza Province. Seed.

498423 TO 498424. Avena sativa L. (Poaceae) Common oat.

From United States. Donated by Brown, C.M.; Department of Agronomy, University of Illinois; Urbana, Illinois. Received August 1985.

498423. IL.75-5860. Don. United States. Coker 234//Orbit/CI 8168. Plants short. Maturity early. Lodging resistance not equal to Ogle and Lang. Seeds dull white, medium to large and plump with high test weight. Yield high. Resistant to crown rust and smut. Moderately resistant to barley yellow dwarf virus. Spring Annual. Cultivar. Seed.

498424. IL.75-1056. Hazel. United States. Coker 227//Clintford/Portal. Straw somewhat shorter than Ogle. Maturity midseason. Seeds grey to white, medium plump with medium test weight. Yield high. Resistant to crown rust and barley yellow dwarf virus. Susceptible to smut and stem rust. Spring Annual. Cultivar. Seed.

498425 TO 498427. Desmodium heterocarpon (L.) DC. (Fabaceae).

From Thailand. Donated by Thai-Australian Prince of Songkla University; Hatyai. Received June 1985.

498425. Thailand. Open scrubland, Hatyai. Plants prostrate, shade-loving. Seed.

498425 TO 498427-continued

498426. Thailand. Open scrubland, Hatyai. Plants prostrate, shade-loving. Seed.

498427. Thailand. Under rubber ban rai, 14km S of Hatyai. Plants prostrate, shade-loving. Seed.

498428. Ageratum conyzoides L. (Asteraceae).

From United States. Donated by Bowers, W.S.; Department of Entomology, University of Arizona; Tucson, Arizona.
Received April 1985.

Mauritius. Seed.

498429. Cucurbita moschata (Duch.) Duch. ex Poir. (Cucurbitaceae) Squash.

From Colombia. Donated by CIAT; Cali.
Received July 1985.

Colombia. Palmira. Centro Nacional Agricola, ICA. Collected November 1981. Farmer's field, Rozo, Palmira, Valle. Collected by H. Sardi and J. Jaramillo. Local name Colombian black squash. Cultivated. Seed.

498430 TO 498440. Hordeum vulgare L. (Poaceae) Barley.

From New Zealand. Donated by Falk, D.E.; Crop Research Division, Department of Scientific and Industrial Research; Christchurch.
Received July 1985.

498430. Gwylan. United Kingdom. Wales. Two row type. Seeds covered. Spring Annual. Cultivar. Seed.

498431. Kakapo. New Zealand. Six row type. Seeds covered. Spring Annual. Cultivar. Seed.

498432. Kea. New Zealand. Two row type. Seeds covered. Spring Annual. Cultivar. Seed.

498433. Koreke. New Zealand. Two row type. Seeds covered. Spring Annual. Cultivar. Seed.

498434. Kuaka. New Zealand. Two row type. Seeds covered. Spring Annual. Cultivar. Seed.

498435. Makomako. New Zealand. Two row type. Seeds covered. Spring Annual. Cultivar. Seed.

498436. Manapou. New Zealand. Two row type. Seeds covered. Spring Annual. Cultivar. Seed.

498437. Mata. New Zealand. Two row type. Seeds covered. Spring Annual. Cultivar. Seed.

498438. Pukako. New Zealand. Two row type. Seeds covered. Spring Annual. Cultivar. Seed.

498439. Rupe. New Zealand. Two row type. Seeds covered. Spring Annual. Cultivar. Seed.

498440. Weka. New Zealand. Two row type. Seeds covered. Spring Annual. Cultivar. Seed.

498441 TO 498723. Zea mays L. (Poaceae) Field corn.

From Mexico. Donated by CIMMYT; Mexico, D.F. Received through Pioneer Hi-Bred International, Inc., Dept. of Corn Breeding, Homestead, FL.
Received August 1985.

498441. Antigua 2. Antigua, British. Cultivated. Seed.

498442. Antigua 4. Antigua, British. Cultivated. Seed.

498443. Antigua 6. Antigua, British. Cultivated. Seed.

498444. Antigua 7. Antigua, British. Cultivated. Seed.

498445. Antigua 8. Antigua, British. Cultivated. Seed.

498446. Argentina 540. Argentina. Cultivated. Seed.

498447. Austria 15. Austria. Cultivated. Seed.

498448. Barbados 1. Barbados. Cultivated. Seed.

498449. Barbados 2. Barbados. Cultivated. Seed.

498450. Barbados 3. Barbados. Cultivated. Seed.

498451. Barbados 5. Barbados. Cultivated. Seed.

498452. Barbados 11. Barbados. Cultivated. Seed.

498453. Bolivia 78. Bolivia. Cultivated. Seed.

498454. Bolivia 79. Bolivia. Cultivated. Seed.

498455. Bolivia 85. Bolivia. Cultivated. Seed.

498456. Brazil 2758. Brazil. Cultivated. Seed.

498457. Brazil 2777. Brazil. Cultivated. Seed.

498458. Brazil 2792. Brazil. Cultivated. Seed.

498459. Brazil 2796. Brazil. Cultivated. Seed.

498460. Brazil 2797. Brazil. Cultivated. Seed.

498461. Brazil 2800. Brazil. Cultivated. Seed.

498462. Brazil 2802. Brazil. Cultivated. Seed.

498463. Brazil 2805. Brazil. Cultivated. Seed.

498464. Brazil 2806. Brazil. Cultivated. Seed.

498465. Brazil 2808. Brazil. Cultivated. Seed.

498466. Brazil 2811. Brazil. Cultivated. Seed.

498467. Brazil 2812. Brazil. Cultivated. Seed.

498468. Brazil 2818. Brazil. Cultivated. Seed.

498469. Brazil 2819. Brazil. Cultivated. Seed.

498470. Brazil 2829. Brazil. Cultivated. Seed.

498471. Brazil 2831. Brazil. Cultivated. Seed.

498472. Brazil 2832. Brazil. Cultivated. Seed.

498473. Brazil 3073. Brazil. Cultivated. Seed.

498474. Brazil 3077. Brazil. Cultivated. Seed.

498475. Costa Rica 24. Costa Rica. Cultivated. Seed.

498476. Costa Rica 26. Costa Rica. Cultivated. Seed.

498477. Costa Rica 35. Costa Rica. Cultivated. Seed.

498478. Costa Rica 42. Costa Rica. Cultivated. Seed.

498479. Costa Rica 45. Costa Rica. Cultivated. Seed.

498480. Costa Rica 95. Costa Rica. Cultivated. Seed.

498481. Costa Rica 108. Costa Rica. Cultivated. Seed.

498482. Costa Rica 121. Costa Rica. Cultivated. Seed.

498483. Costa Rica 180. Costa Rica. Cultivated. Seed.

498484. Costa Rica 229. Costa Rica. Cultivated. Seed.

498485. Costa Rica 280. Costa Rica. Cultivated. Seed.

498486. Costa Rica 370. Costa Rica. Cultivated. Seed.

498487. Costa Rica 379. Costa Rica. Cultivated. Seed.

498488. Cuba 71. Cuba. Cultivated. Seed.

498489. Cuba 75. Cuba. Cultivated. Seed.

498490. Cuba 78. Cuba. Cultivated. Seed.

498491. Cuba 79. Cuba. Cultivated. Seed.

498492. Cuba 81. Cuba. Cultivated. Seed.

498493. Cuba 82. Cuba. Cultivated. Seed.

498494. Cuba 86. Cuba. Cultivated. Seed.

498495. Cuba 87. Cuba. Cultivated. Seed.

498496. Cuba 92. Cuba. Cultivated. Seed.

498497. Cuba 93. Cuba. Cultivated. Seed.

498498. Cuba 96. Cuba. Cultivated. Seed.

498499. Cuba 97. Cuba. Cultivated. Seed.

498500. Cuba 99. Cuba. Cultivated. Seed.

498501. Cuba 101. Cuba. Cultivated. Seed.

498502. Cuba 103. Cuba. Cultivated. Seed.

498503. Cuba 104. Cuba. Cultivated. Seed.

498504. Cuba 105. Cuba. Cultivated. Seed.

498505. Cuba 106. Cuba. Cultivated. Seed.

498506. Cuba 115. Cuba. Cultivated. Seed.

498507. Cuba 116. Cuba. Cultivated. Seed.

498508. Cuba 119. Cuba. Cultivated. Seed.

498509. Cuba 124. Cuba. Cultivated. Seed.

498510. Cuba 126. Cuba. Cultivated. Seed.

498511. Cuba 127. Cuba. Cultivated. Seed.

498512. Cuba 128. Cuba. Cultivated. Seed.

498513. Cuba 129. Cuba. Cultivated. Seed.

498514. Cuba 130. Cuba. Cultivated. Seed.

498515. Cuba 132. Cuba. Cultivated. Seed.

498516. Cuba 134. Cuba. Cultivated. Seed.

498517. Cuba 138. Cuba. Cultivated. Seed.

498518. Cuba 140. Cuba. Cultivated. Seed.

498519. Cuba 141. Cuba. Cultivated. Seed.

498520. Cuba 146. Cuba. Cultivated. Seed.

498521. Cuba 147. Cuba. Cultivated. Seed.

498522. Cuba 148. Cuba. Cultivated. Seed.

498523. Cuba 151. Cuba. Cultivated. Seed.

498524. Cuba 153. Cuba. Cultivated. Seed.

498525. Cuba 154. Cuba. Cultivated. Seed.

498526. Cuba 155. Cuba. Cultivated. Seed.

498527. Cuba 156. Cuba. Cultivated. Seed.

498528. Cuba 157. Cuba. Cultivated. Seed.

498529. Cuba 158. Cuba. Cultivated. Seed.

498530. Cuba 160. Cuba. Cultivated. Seed.

498531. Cuba 162. Cuba. Cultivated. Seed.

498532. Cuba 163. Cuba. Cultivated. Seed.

498533. Cuba 170. Cuba. Cultivated. Seed.

498534. Cuba 171. Cuba. Cultivated. Seed.

498535. Cuba 175. Cuba. Cultivated. Seed.

498536. Cuba 176. Cuba. Cultivated. Seed.

498537. Dom. Republic 26. Dominican Republic. Cultivated. Seed.

498538. Dom. Republic 124. Dominican Republic. Cultivated. Seed.

498539. Dom. Republic 240. Dominican Republic. Cultivated. Seed.

498540. Dom. Republic 244. Dominican Republic. Cultivated. Seed.

498541. Dom. Republic 258. Dominican Republic. Cultivated. Seed.

498542. Dom. Republic 259. Dominican Republic. Cultivated. Seed.

498543. Dom. Republic 261. Dominican Republic. Cultivated. Seed.

498544. Dom. Republic 265. Dominican Republic. Cultivated. Seed.

498545. Dom. Republic 270. Dominican Republic. Cultivated. Seed.

498546. Dom. Republic 271. Dominican Republic. Cultivated. Seed.

498547. Dom. Republic 273. Dominican Republic. Cultivated. Seed.

498548. Dom. Republic 274. Dominican Republic. Cultivated. Seed.

498549. Dom. Republic 277. Dominican Republic. Cultivated. Seed.

498550. Dom. Republic 280. Dominican Republic. Cultivated. Seed.

498551. Dom. Republic 287. Dominican Republic. Cultivated. Seed.

498552. Dom. Republic 288. Dominican Republic. Cultivated. Seed.

498553. Dom. Republic 295. Dominican Republic. Cultivated. Seed.

498554. Dom. Republic 296. Dominican Republic. Cultivated. Seed.

498555. Dom. Republic 302. Dominican Republic. Cultivated. Seed.

498556. Dom. Republic 306. Dominican Republic. Cultivated. Seed.

498557. Dom. Republic 308. Dominican Republic. Cultivated. Seed.

498558. El Salvador 112. El Salvador. Cultivated. Seed.

498559. Grenada 1. Grenada. Cultivated. Seed.

498560. Grenada 3. Grenada. Cultivated. Seed.

498561. Grenada 4. Grenada. Cultivated. Seed.

498562. Grenada 6. Grenada. Cultivated. Seed.

498563. Grenada 7. Grenada. Cultivated. Seed.

498564. Grenada 9. Grenada. Cultivated. Seed.

498565. Grenada 12. Grenada. Cultivated. Seed.

498566. Grenada 13. Grenada. Cultivated. Seed.

498567. Guadalupe 3. Guadeloupe. Cultivated. Seed.

498568. Guadalupe 4. Guadeloupe. Cultivated. Seed.

498569. Guadalupe 5. Guadeloupe. Cultivated. Seed.

498570. Guadalupe 7. Guadeloupe. Cultivated. Seed.

498571. Guadalupe 9. Guadeloupe. Cultivated. Seed.

498572. Guadalupe 14. Guadeloupe. Cultivated. Seed.

498573. Guatemala 59. Guatemala. Cultivated. Seed.

498574. Guatemala 63. Guatemala. Cultivated. Seed.

498575. Guatemala 77. Guatemala. Cultivated. Seed.

498576. Guatemala 85. Guatemala. Cultivated. Seed.

498577. Guatemala 92. Guatemala. Cultivated. Seed.

498578. Guatemala 108. Guatemala. Cultivated. Seed.

498579. Guatemala 129. Guatemala. Cultivated. Seed.

498580. Guatemala 133. Guatemala. Cultivated. Seed.

498581. Guatemala 143. Guatemala. Cultivated. Seed.

498582. Guatemala 151. Guatemala. Cultivated. Seed.

498583. Guatemala 209. Guatemala. Cultivated. Seed.

498584. Guatemala 210. Guatemala. Cultivated. Seed.

498585. Guatemala 239. Guatemala. Cultivated. Seed.

498586. Guatemala 242. Guatemala. Cultivated. Seed.

498587. Guatemala 244. Guatemala. Cultivated. Seed.

498588. Guatemala 253. Guatemala. Cultivated. Seed.

498589. Guatemala 257. Guatemala. Cultivated. Seed.

498590. Guatemala 262. Guatemala. Cultivated. Seed.

498591. Guatemala 269. Guatemala. Cultivated. Seed.

498592. Guatemala 312. Guatemala. Cultivated. Seed.

498593. Guatemala 314. Guatemala. Cultivated. Seed.

498594. Guatemala 316. Guatemala. Cultivated. Seed.

498595. Guatemala 329. Guatemala. Cultivated. Seed.

498596. Guatemala 344. Guatemala. Cultivated. Seed.

498597. Guatemala 500. Guatemala. Cultivated. Seed.

498598. Guatemala 552. Guatemala. Cultivated. Seed.

498599. Guatemala 594. Guatemala. Cultivated. Seed.

498600. Guatemala 704. Guatemala. Cultivated. Seed.

498601. Guatemala 746. Guatemala. Cultivated. Seed.

498602. Guatemala 765. Guatemala. Cultivated. Seed.

498603. Guatemala 792. Guatemala. Cultivated. Seed.

498604. Guatemala 806. Guatemala. Cultivated. Seed.

498605. Guatemala 809. Guatemala. Cultivated. Seed.

498606. Guatemala 821. Guatemala. Cultivated. Seed.

498607. Haiti 16. Haiti. Cultivated. Seed.

498608. Haiti 20. Haiti. Cultivated. Seed.

498609. Haiti 22. Haiti. Cultivated. Seed.

498610. Haiti 23. Haiti. Cultivated. Seed.

498611. Haiti 28. Haiti. Cultivated. Seed.

READEX FICHE

498612. Haiti 29. Haiti. Cultivated. Seed.

498613. Haiti 36. Haiti. Cultivated. Seed.

498614. Haiti 38. Haiti. Cultivated. Seed.

498615. Haiti 39. Haiti. Cultivated. Seed.

498616. Haiti 41. Haiti. Cultivated. Seed.

498617. Haiti 42. Haiti. Cultivated. Seed.

498618. Haiti 46. Haiti. Cultivated. Seed.

498619. Honduras 38. Honduras. Cultivated. Seed.

498620. Honduras 46. Honduras. Cultivated. Seed.

498621. Honduras 71. Honduras. Cultivated. Seed.

498622. Honduras 89. Honduras. Cultivated. Seed.

498623. Honduras 104. Honduras. Cultivated. Seed.

498624. Honduras 109. Honduras. Cultivated. Seed.

498625. Jamaica 6. Jamaica. Cultivated. Seed.

498626. Jamaica 7. Jamaica. Cultivated. Seed.

498627. Martinique 11. Martinique. Cultivated. Seed.

498628. Chihuahua 7. Mexico. Cultivated. Seed.

498629. Colima 14. Mexico. Cultivated. Seed.

498630. Guanajuato 22. Mexico. Cultivated. Seed.

498631. Guanajuato 30. Mexico. Cultivated. Seed.

498632. Guanajuato 34. Mexico. Cultivated. Seed.

498633. Guanajuato 52. Mexico. Cultivated. Seed.

498634. Guanajuato 67. Mexico. Cultivated. Seed.

498635. Guanajuato 68. Mexico. Cultivated. Seed.

498636. Guanajuato 71. Mexico. Cultivated. Seed.

498637. Guanajuato 92. Mexico. Cultivated. Seed.

498638. Jalisco 138. Mexico. Cultivated. Seed.

498639. Jalisco 171. Mexico. Cultivated. Seed.

498640. Jalisco 263. Mexico. Cultivated. Seed.

498641. Nayarit 48. Mexico. Cultivated. Seed.

498642. Nayarit 49. Mexico. Cultivated. Seed.

498643. Nayarit 67. Mexico. Cultivated. Seed.

498644. Oxaca 134. Mexico. Cultivated. Seed.

498645. Queretaro 12. Mexico. Cultivated. Seed.

498646. San Luis Potosi 17. Mexico. Cultivated. Seed.

498647. San Luis Potosi 104. Mexico. Cultivated. Seed.

498648. Sint. Mexicano Bco. Mexico. Cultivated. Seed.

498649. Sonora 28. Mexico. Cultivated. Seed.

498650. Nicaragua 14. Nicaragua. Cultivated. Seed.

498651. Nicaragua 17. Nicaragua. Cultivated. Seed.

498652. Nicaragua 20. Nicaragua. Cultivated. Seed.

498653. Nicaragua 116. Nicaragua. Cultivated. Seed.

498654. Nicaragua 3380. Nicaragua. Cultivated. Seed.

498655. Nicaragua 3385. Nicaragua. Cultivated. Seed.

498656. Panama 43. Panama. Cultivated. Seed.

498657. Panama 44. Panama. Cultivated. Seed.

498658. Panama 65. Panama. Cultivated. Seed.

498659. Panama 90. Panama. Cultivated. Seed.

498660. Panama 97. Panama. Cultivated. Seed.

498661. Panama 173. Panama. Cultivated. Seed.

498662. Panama GP 78A. Panama. Cultivated. Seed.

498663. Panama GP 86. Panama. Cultivated. Seed.

498664. Panama GP 90A. Panama. Cultivated. Seed.

498665. Panama GP 91. Panama. Cultivated. Seed.

498666. Panama GPO 89. Panama. Cultivated. Seed.

498667. Paraguay 108. Paraguay. Cultivated. Seed.

498668. Paraguay 167. Paraguay. Cultivated. Seed.

498669. Paraguay 168. Paraguay. Cultivated. Seed.

498670. Puerto Rico 1. Puerto Rico. Cultivated. Seed.

498671. Puerto Rico 2. Puerto Rico. Cultivated. Seed.

498672. Puerto Rico 4. Puerto Rico. Cultivated. Seed.

498673. Puerto Rico 5. Puerto Rico. Cultivated. Seed.

498674. Puerto Rico 6. Puerto Rico. Cultivated. Seed.

498675. Puerto Rico 7. Puerto Rico. Cultivated. Seed.

498676. Puerto Rico 8. Puerto Rico. Cultivated. Seed.

498677. Puerto Rico 12. Puerto Rico. Cultivated. Seed.

498678. Puerto Rico 14. Puerto Rico. Cultivated. Seed.

498679. Puerto Rico 15. Puerto Rico. Cultivated. Seed.

498680. Puerto Rico 16. Puerto Rico. Cultivated. Seed.

498681. Puerto Rico 19. Puerto Rico. Cultivated. Seed.

498682. Puerto Rico 21. Puerto Rico. Cultivated. Seed.

498683. Puerto Rico 22. Puerto Rico. Cultivated. Seed.

498684. Puerto Rico 23. Puerto Rico. Cultivated. Seed.

498685. Puerto Rico 24. Puerto Rico. Cultivated. Seed.

498686. Saint Croix 4. Virgin Islands, U.S. Cultivated. Seed.

498687. Saint Croix 5. Virgin Islands, U.S. Cultivated. Seed.

498688. Saint Croix 6. Virgin Islands, U.S. Cultivated. Seed.

498689. Saint Croix 7. Virgin Islands, U.S. Cultivated. Seed.

498690. Saint Lucia 4. St Lucia. Cultivated. Seed.

498691. Saint Vincent 1. St Vincent. Cultivated. Seed.

498692. Saint Vincent 7. St Vincent. Cultivated. Seed.

498693. Saint Vincent 9. St Vincent. Cultivated. Seed.

498694. Saint Vincent 10. St Vincent. Cultivated. Seed.

498695. Tobago 2. Trinidad and Tobago. Cultivated. Seed.

498696. Tobago 14. Trinidad and Tobago. Cultivated. Seed.

498697. Trinidad 20. Trinidad and Tobago. Cultivated. Seed.

498698. Trinidad 21. Trinidad and Tobago. Cultivated. Seed.

498699. Trinidad 26. Trinidad and Tobago. Cultivated. Seed.

498700. Trinidad 32. Trinidad and Tobago. Cultivated. Seed.

498701. Trinidad 34. Trinidad and Tobago. Cultivated. Seed.

498702. Trinidad 42. Trinidad and Tobago. Cultivated. Seed.

498703. Trinidad 53. Trinidad and Tobago. Cultivated. Seed.

498704. Uganda 1. Uganda. Cultivated. Seed.

498705. Uganda 2. Uganda. Cultivated. Seed.

498706. Uganda 3. Uganda. Cultivated. Seed.

498707. Amarillo Salvadoren. Cultivated. Seed.

498708. Blanco de Junio. Cultivated. Seed.

498709. Cateto. Cultivated. Seed.

498710. Comp Centroamerican. Cultivated. Seed.

498711. Comp Precoz 1. Cultivated. Seed.

498712. Comp Precoz 2. Cultivated. Seed.

498713. Comp Vandeno. Cultivated. Seed.

498714. Cristal Blanco. Cultivated. Seed.

498715. Diacol V 101. Cultivated. Seed.

498716. P.T.O. Blanco 244. Cultivated. Seed.

498717. I-452. Cultivated. Seed.

498718. Illi High Oil 6021. Cultivated. Seed.

498719. Illi High Oil 6052. Cultivated. Seed.

498720. Illi High Oil White. Cultivated. Seed.

498721. K T 41. Cultivated. Seed.

498722. Warino 330. Cultivated. Seed.

498723. Wisconsin PR. Cultivated. Seed.

498724. Asparagus litoralis Stev. (Liliaceae).

From Soviet Union. Donated by Hortus Botanicus Nikitensis; Jalta, Tauria.
Received July 1985.

Soviet Union. Cultivated. Seed.

498725 TO 498726. Asparagus officinalis L. (Liliaceae) Garden asparagus.

From Soviet Union. Donated by Hortus Botanicus Nikitensis; Jalta, Tauria.
Received July 1985.

498725. Soviet Union. Received as Asparagus polyphyllus. Cultivated. Seed.

498726. Soviet Union. Cultivated. Seed.

498727. Asparagus verticillatus L. (Liliaceae).

From Soviet Union. Donated by Hortus Botanicus Nikitensis; Jalta, Tauria.
Received July 1985.

Soviet Union. Cultivated. Seed.

498728. Medicago lupulina L. (Fabaceae) Black medic.

From Romania. Donated by Attila Szabo, T.; Gradina Agrobotanica, Institutul Agronomic Dr. Petro Groza; Cluj-Napoca.

498728-continued
Received through M.D. Rumbaugh, Crops Research Lab., USDA-ARS, Utah State Univ., Logan, UT.
Received July 1985.

Romania. Cluj. Cultivated. Seed.

498729. Haloxylon aphyllum (Minkw.) Iljin (Chenopodiaceae).

From Soviet Union. Donated by VIR; Leningrad. Received through FAO, Rome, Italy. Code numbers refer to FAO seed accession numbers.
Received June 1985.

63.686. Soviet Union. Kyzyl Kum, USSR. Seed.

498730. Oryza sativa L. (Poaceae) Rice.

From Philippines. Donated by IRRI; Manila.
Received August 1985.

11356. IR 22. Cultivated. Seed.

498731 TO 498786. Medicago ciliaris (L.) Krocker (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, MD. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received April 1985.

498731. 54. Czechoslovakia. Zabroda Kosice. Annual. Wild. Seed.

498732. 55. Portugal. Hortus Botanic, Coimbra. Annual. Wild. Seed.

498733. 56. Italy. Botanic garden, Palermo, Sicily. Annual. Wild. Seed.

498734. 57. Israel. Sharon, Jarhona. Annual. Wild. Seed.

498735. 59. Cyprus. Famagusta. Collected by W. Smith. Annual. Wild. Seed.

498736. 60. Syria. Tricomo. Collected by W. Smith. Annual. Wild. Seed.

498737. 753. Italy. Collesano, Sicily. Annual. Wild. Seed.

498731 TO 498786-continued

498738. 754. Italy. Collesano, Sicily. Annual. Wild. Seed.

498739. 755. Italy. Collesano, Sicily. Annual. Wild. Seed.

498740. 756. Italy. Collesano, Sicily. Annual. Wild. Seed.

498741. 782. Italy. Piana degli Albanesi, Sicily. Annual. Wild. Seed.

498742. 783. Italy. Piana degli Albanesi, Sicily. Annual. Wild. Seed.

498743. 1062. Italy. Between Sanluri and Cagliari, Sardinia. Annual. Wild. Seed.

498744. 1063. Italy. Between Sanluri and Cagliari, Sardinia. Annual. Wild. Seed.

498745. 1064. Italy. Between Sanluri and Cagliari, Sardinia. Annual. Wild. Seed.

498746. 1076. Italy. Between Pulnam and Teulada, Sardinia. Annual. Wild. Seed.

498747. 1080. Italy. Between Pulnam and Teulada, Sardinia. Annual. Wild. Seed.

498748. 1090. Italy. Before Quartu Sant'Elena, Sardinia. Annual. Wild. Seed.

498749. 1169. Greece. South, 17km of Iraklion, Crete. Annual. Wild. Seed.

498750. 1344. Lebanon. Sanatorium, Hammana. Annual. Wild. Seed.

498751. 1407. Lebanon. Chekka. Annual. Wild. Seed.

498752. 1580. Spain. Chiclana (Cadiz). Annual. Wild. Seed.

498753. 1066. Cyprus. Nicosia. Annual. Wild. Seed.

498754. 1076. Cyprus. Annual. Wild. Seed.

498755. 1888. Lebanon. Collected by M. Edgecombe. Annual. Wild. Seed.

498756. 1032a. Italy. Road to Cagliari-Iglesias, Sardinia. Annual. Wild. Seed.

498757. 1955. Germany, Federal Rep of. Experimental farm. Annual. Wild. Seed.

498758. 2061. Malta. Argotti Botanic Garden. Annual. Wild. Seed.

498759. 2087. Italy. Agrigento, Sicily. Annual. Wild. Seed.

498760. 2099. Malta. Mgarr, Gozo. Annual. Wild. Seed.

498761. 2078. Italy. Mantedano, Viesta Gargano. Annual. Wild. Seed.

498762. 2401. Tunisia. Road from Lekrib, 40km to Lekef. Annual. Wild. Seed.

498763. 2408. Tunisia. Road to Pont du Fahs, 8km to Bou Arada. Annual. Wild. Seed.

498764. 2447. Tunisia. Bit Meherga, Road Tunis, 40km Pont du Fahs. Annual. Wild. Seed.

498765. 2465. Tunisia. Maktar Ruins. Annual. Wild. Seed.

498766. 2479. Algeria. Zoubiria (Brozza), between Berrouaghia and Boghari. Annual. Wild. Seed.

498767. 2493. Algeria. Dali Ibrahim on way to Alger. Annual. Wild. Seed.

498768. 2502. Algeria. Near Tiaret on way to Oran. Annual. Wild. Seed.

498769. 2506. Algeria. Souk Ahras, between Tebessa and Annaba. Annual. Wild. Seed.

498770. 2522. Algeria. Near El Arrouch, Annaba, Constantine. Annual. Wild. Seed.

498771. 2535. Algeria. Past Constantine, 5km on road to Setif. Annual. Wild. Seed.

498772. 2548. Algeria. Past Tafranii, 8km on road to Tlemcan. Annual. Wild. Seed.

498773. 2555. Algeria. One km to Dali Ibrahim, 10km from Alger. Annual. Wild. Seed.

498774. 2577. Algeria. Road from Mahdia, 8km to Tiaret. Annual. Wild. Seed.

498775. 2585. Algeria. Road from Sour El Ghozhane, 28km to Sidi-Aissa. Annual. Wild. Seed.

498776. 2592. Algeria. State farm on road from Souk-Ahrals, 23km to Annaba. Annual. Wild. Seed.

498777. 2600. Algeria. Road from Alger, 25km to Bouira. Annual. Wild. Seed.

498778. 2604. Algeria. Bou Medfaa, 100km from Alger. Annual. Wild. Seed.

498779. 2608. Algeria. Bou Medfaa. Annual. Wild. Seed.

498780. 2675. Morocco. Road from Kenitra, 36km to Allai Tazi. Annual. Wild. Seed.

498781. 2676. Morocco. El Arba, 47km to Kenitra. Annual. Wild. Seed.

498782. 2677. Algeria. Road from Bousselham, 14km to El Arba. Annual. Wild. Seed.

498783. 2770. Morocco. Road from Settat, 16km to Karaba-de-Boulaouare. Annual. Wild. Seed.

498784. 2783. Tunisia. Bir Meherga, 20km to Pont du Fahs on road from Tunis. Annual. Wild. Seed.

498785. 2801. Morocco. Past Moulay Bousselham, 8km before Arba. Annual. Wild. Seed.

498786. 2802. Algeria. Road from Alger, 25km to Bouira. Annual. Wild. Seed.

498787 TO 498809. Medicago coronata (L.) Bartal. (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, MD. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received April 1985.

498787. 61. Israel. Upper Galilee Kerem Ben Zimra. Annual. Wild. Seed.

498788. 64. Italy. Botanic garden Cagliari Italia Sardinia. Annual. Wild. Seed.

498789. 924. Greece. Mt. Lycabettus, Athens. Annual. Wild. Seed.

498790. 931. Greece. Acropol, Athens. Annual. Wild. Seed.

498791. 946. Greece. Korinthos. Annual. Wild. Seed.

498787 TO 498809-continued

498792. 1115. Greece. Past Iraklion, 24km, Crete. Annual. Wild. Seed.

498793. 1118. Greece. West, 29km W of Nikolaos. Annual. Wild. Seed.

498794. 1246. Greece. Way to Archangelos, 1 km from Kolimbia. Annual. Wild. Seed.

498795. 1270. Cyprus. Cape Andreas. Annual. Wild. Seed.

498796. 1303. Cyprus. Between Leskoniko and Boghaz. Annual. Wild. Seed.

498797. 1349. Lebanon. Fayadieh just above Beirut. Annual. Wild. Seed.

498798. 1349a. Lebanon. Fayadieh just above Beirut. Annual. Wild. Seed.

498799. 1349b. Lebanon. Fayadieh just above Beirut. Annual. Wild. Seed.

498800. 1391. Lebanon. Khalde. Annual. Wild. Seed.

498801. 1395. Lebanon. Khalde. Annual. Wild. Seed.

498802. 1405. Lebanon. Ghazir. Annual. Wild. Seed.

498803. 1406. Lebanon. Ghazir. Annual. Wild. Seed.

498804. 1420. Lebanon. Dog river, Beirut. Annual. Wild. Seed.

498805. 1423. Lebanon. Road Idita-Grotta-Fecta. Annual. Wild. Seed.

498806. 1442. Greece. Near Serrai. Annual. Wild. Seed.

498807. 1731. Turkey. Silvan-Badzin Koyu 52km to Urfu. Collected by D.R. Cornelius. Annual. Wild. Seed.

498808. 1797. Greece. Temple of Zeus, Athens. Annual. Wild. Seed.

498809. 1851. Lebanon. Ghazir. Annual. Wild. Seed.

498810 TO 498823. Medicago granadensis Willd. (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, MD. Code numbers refer to

498810 TO 498823-continued
designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received April 1985.

498810. 75. Israel. Mt. Scopus. Annual. Wild. Seed.

498811. 76. Israel. Upper Galilee, Safed. Annual. Wild. Seed.

498812. 77. Turkey. Gaziantep and Maras Provinces border, 33km N of Gaziantep. Annual. Wild. Seed.

498813. 659. Turkey. Gaziantep and Maras Provinces border, 33km N of Gaziantep. Annual. Wild. Seed.

498814. 659a. Turkey. Gaziantep and Maras Provinces border, 33km N of Gaziantep. Annual. Wild. Seed.

498815. 666. Turkey. South, 9km of Maras. Annual. Wild. Seed.

498816. 865. Turkey. Mersin. Annual. Wild. Seed.

498817. 866. Turkey. Mersin. Annual. Wild. Seed.

498818. 866a. Turkey. Mersin. Annual. Wild. Seed.

498819. 867. Turkey. Mersin. Annual. Wild. Seed.

498820. 871. Turkey. Mersin. Annual. Wild. Seed.

498821. 871a. Turkey. Brown seed coat. Greenhouse increase of 871. Annual. Wild. Seed.

498822. 1850. Turkey. Mersin. Annual. Wild. Seed.

498823. 1850a. Turkey. Mersin. Greenhouse increase of 1850. Annual. Wild. Seed.

498824 TO 498838. Medicago intertexta (L.) Mill. (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, MD. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received April 1985.

498824. 237. Portugal. Hortus Botanic, Coimbra. Annual. Wild. Seed.

498825. 238. Portugal. Hortus Botanic, Coimbra. Annual. Wild. Seed.

498824 TO 498838-continued

498826. 239. United Kingdom. Birmingham Botanic garden. Annual. Wild. Seed.

498827. 240. United Kingdom. RHS garden, Wiley, Rysby, Surrey. Annual. Wild. Seed.

498828. 242. Italy. Botanic garden, Palermo. Annual. Wild. Seed.

498829. 760. Italy. Collesano, Sicily. Annual. Wild. Seed.

498830. 760a. Italy. Collesano, Sicily. Annual. Wild. Seed.

498831. 787. Italy. Piana degli Albanesi, Sicily. Annual. Wild. Seed.

498832. 788. Italy. Piana degli Albanesi, Sicily. Annual. Wild. Seed.

498833. 789. Italy. Piana degli Albanesi, Sicily. Annual. Wild. Seed.

498834. 791. Italy. Piana degli Albanesi, Sicily. Annual. Wild. Seed.

498835. 1032. Italy. Road to Cagliari-Iglesias, Sardinia. Annual. Wild. Seed.

498836. 1579. Spain. Chiclana, Cadiz. Annual. Wild. Seed.

498837. 2053. Malta. Argotti Botanic Garden. Annual. Wild. Seed.

498838. 2289. Portugal. Coimbra Univ. Botanic garden, Gorgulio. Collected by A. Fernandes. Annual. Wild. Seed.

498839 TO 498929. Medicago laciniata (L.) Mill. (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, MD. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received April 1985.

498839. 244. United Kingdom. Royal Botanic Garden, Kew. Annual. Wild. Seed.

498840. 245. France. Museum of Natural History and Culture, Paris. Annual. Wild. Seed.

498841. 246. Israel. Annual. Wild. Seed.

498842. 247. Czechoslovakia. Brno. Annual. Wild. Seed.

498843. 248. Annual. Wild. Seed.

498844. 249. Italy. Udine. Annual. Wild. Seed.

498845. 250. Czechoslovakia. Brno. Annual. Wild. Seed.

498846. 251. Iraq. Desert, 210km west of Ramadi. Collected by K.H. Rechinger. Annual. Wild. Seed.

498847. 252. Iraq. Desert Ansab, 145km S of As Salman. Collected by K.H. Rechinger. Annual. Wild. Seed.

498848. 253. Iraq. Southern desert near Kuwait border, 20km SW of As Salman. Collected by K.H. Rechinger. Annual. Wild. Seed.

498849. 1996. Denmark. Hortus Botanicus Hauniensis. Annual. Wild. Seed.

498850. 2197. Spain. Mala, Lanzarote, Canary Islands. Annual. Wild. Seed.

498851. 2198. Spain. Tetir, Fuerteventura, Canary Islands. Annual. Wild. Seed.

498852. 2199. Spain. Past airport, 3.5km to Tias, Lanzarote, Canary Islands. Annual. Wild. Seed.

498853. 2200. Spain. Between Uga and Macher, Lanzarote, Canary Islands. Annual. Wild. Seed.

498854. 2201. Spain. Airport, Lanzarote, Canary Islands. Annual. Wild. Seed.

498855. 2202. Spain. Between Puerto del Rosario and Tetir, Fuerteventura, Canary Islands. Annual. Wild. Seed.

498856. 2203. Spain. Villaverde, Fuerteventura, Canary Islands. Annual. Wild. Seed.

498857. 2204. Spain. Two km fr Casillas del Angel to Puerto del Rosario, Fuerteventura,Canary Is. Annual. Wild. Seed.

498858. 2205. Spain. Two km fr Casillas del Angel to Puerto del Rosario, Fuerteventura,Canary Is. Annual. Wild. Seed.

498859. 2206. Spain. Two km fr Casillas del Angel to Puerto del Rosario, Fuerteventura,Canary Is. Annual. Wild. Seed.

498860. 2207. Spain. El Mollino, Fuerteventura, Canary Islands.

Annual. Wild. Seed.

498861. 2208. Spain. North of Tahiche, 3km, Lanzarote, Canary Islands. Annual. Wild. Seed.

498862. 2209. Spain. Past Macher, Lanzarote, Canary Islands. Annual. Wild. Seed.

498863. 2210. Spain. From Airport to Tias, Lanzarote, Canary Islands. Annual. Wild. Seed.

498864. 2211. Spain. South 10km of Solyplayas, Fuerteventura, Canary Islands. Annual. Wild. Seed.

498865. 2212. Spain. Playa Blanca, Lanzarote, Canary Islands. Annual. Wild. Seed.

498866. 2213. Spain. Past Tiaz before Macher, Lanzarote, Canary Islands. Annual. Wild. Seed.

498867. 2214. Spain. Past Tiaz before Macher, Lanzarote, Canary Islands. Annual. Wild. Seed.

498868. 2215. Spain. Corralejo, Fuerteventura, Canary Islands. Annual. Wild. Seed.

498869. 2216. Spain. Casillas del Angel, Fuerteventura, Canary Islands. Annual. Wild. Seed.

498870. 2217. Spain. Tindaya, Fuerteventura, Canary Islands. Annual. Wild. Seed.

498871. 2218. Spain. Between San Isidro and El Medano, Tenerife, Canary Islands. Annual. Wild. Seed.

498872. 2219. Spain. Between San Isidro and El Medano, Tenerife, Canary Islands. Annual. Wild. Seed.

498873. 2220. Spain. Juan Grande, Gran Canaria, Canary Islands. Annual. Wild. Seed.

498874. 2221. Spain. Two km from Granadilla to El Medano, Tenerife, Canary Islands. Annual. Wild. Seed.

498875. 2222. Spain. Four km from Las Palmas to Tafira Alta on white volcanic earth,Gran Canaria. Annual. Wild. Seed.

498876. 2223. Spain. S. Juan, Tenerife, Canary Islands. Annual. Wild. Seed.

498877. 2266. Spain. S. Juan, Tenerife, Canary Islands. Annual. Wild. Seed.

498878. 2267. Spain. Playa Quemade, Lanzarote, Canary Islands. Annual. Wild. Seed.

498879. 2268. Spain. Two km south of Corralejo, Fuerteventura, Canary Islands. Annual. Wild. Seed.

498880. 2852. Pakistan. Annual. Wild. Seed.

498881. 2251. Spain. Playa Quemada, Lanzarote, Canary Islands. Annual. Wild. Seed.

498882. 2265. Spain. Past Airport, 3.5km, to Tias, Lanzarote, Canary Islands. Annual. Wild. Seed.

498883. 2432. Tunisia. On road to Feriana, 1 km past Thelepte. Annual. Wild. Seed.

498884. 2270. Spain. Tahiche and 3km north of Tahiche, Lanzarote, Canary Islands. Annual. Wild. Seed.

498885. 2271. Spain. Past Macher, Lanzarote, Canary Islands. Annual. Wild. Seed.

498886. 2269. Spain. Two km south of Corralejo, Fuerteventura, Canary Islands. Annual. Wild. Seed.

498887. 2272. Spain. From Airport to Tias, Lanzarote, Canary Islands. Annual. Wild. Seed.

498888. 2456. Tunisia. One km to Sfax on road from Gabes. Annual. Wild. Seed.

498889. 2458. Tunisia. Island de Djerba, 7km to Hounk Souk on road from Adjim. Annual. Wild. Seed.

498890. 2276. Spain. Four km from Las Palmas to Tafira Alta on white volcanic earth, Canary Is. Annual. Wild. Seed.

498891. 2274. Spain. Past Tiaz before Macher, Lanzarote, Canary Islands. Annual. Wild. Seed.

498892. 2273. Spain. Playa Blanca, Lanzarote, Canary Islands. Annual. Wild. Seed.

498893. 2549. Algeria. Ten km on road to Barika from M'sila. Annual. Wild. Seed.

498894. 2460. Tunisia. Annual. Wild. Seed.

498895. 2638. Morocco. Mountainside. Annual. Wild. Seed.

498896. 2602. Algeria. Road, near Salt marsh, 162km to Tiaret from Ksar El Boukhari. Annual. Wild. Seed.

498897. 2589. Algeria. Road from M'sila to Barika. Annual. Wild. Seed.

498898. 2699. Morocco. Under Eucalyptus trees, 40km to Marrakech. Annual. Wild. Seed.

498899. 2697. Morocco. Road from Marrakech, 151km to Ouarzazate. Annual. Wild. Seed.

498900. 2590. Algeria. Road from Sidi Aissa, 10km to Ain El Hadjel. Annual. Wild. Seed.

498901. 2579. Algeria. Road from Ain El Hadjel, 16km to Bou Saada. Annual. Wild. Seed.

498902. 2741. Morocco. Road from Ouarzazate, 44km to Ksar es Souk. Annual. Wild. Seed.

498903. 2692. Morocco. Road to Ouarzazate, 6km past Marrakech. Annual. Wild. Seed.

498904. 2693. Morocco. Road from El Jadida, approx. 61km to Marrakech. Annual. Wild. Seed.

498905. 2694. Morocco. Road from El Jadida, approx. 61km to Marrakech. Annual. Wild. Seed.

498906. 2698. Morocco. Road from Marrakech, to Ouarzazate, 1 km to Taferiate. Annual. Wild. Seed.

498907. 2699. Morocco. Under Eucalyptus trees, 40km to Marrakech. Annual. Wild. Seed.

498908. 2704. Morocco. Road from Mtal, 84km to Marrakech. Annual. Wild. Seed.

498909. 2713. Morocco. Slopes, 27km to Marrakech. Annual. Wild. Seed.

498910. 2714. Morocco. Slopes, 27km to Marrakech. Annual. Wild. Seed.

498911. 2722. Morocco. Mtal, on road to Marrakech (96km). Annual. Wild. Seed.

498912. 2723. Morocco. Mtal, on road to Marrakech (96km). Annual. Wild. Seed.

498913. 2737. Morocco. Tinerhir, road to Ksar es Souk. Annual. Wild. Seed.

498914. 2738. Morocco. Road to Ksar es Souk (116km). Annual. Wild. Seed.

498915. 2739. Morocco. Road from Ouarzazate, 11km to Skoura. Annual. Wild. Seed.

498916. 2740. Morocco. Road from Ouarzazate, 20km to El Kalla. Annual. Wild. Seed.

498917. 37. Morocco. Institute Scientifique Cherifien. Received as Medicago aschersoniana. Annual. Wild. Seed.

498918. 38. Iraq. Southern desert near Kuwait border, 20km SW Salman. Received as Medicago aschersoniana. Annual. Wild. Seed.

498919. 39. Iraq. North Amarah, 70km. Collected by K.H. Rechinger. Received as Medicago aschersoniana. Annual. Wild. Seed.

498920. 40. Iraq. Southern desert, 40k SW of Basrah. Collected by K.H. Pechinger. Received as Medicago aschersoniana. Annual. Wild. Seed.

498921. 2309. Spain. From Las Palmas, 62km, Gran Canaria, Canary Islands. Received as Medicago aschersoniana. Annual. Wild. Seed.

498922. 2312. Spain. Roadside, rocky red soil, 8km to Santa Lucia fr Aguime, Gran Canaria. Received as Medicago aschersoniana. Annual. Wild. Seed.

498923. 2316. Spain. Hillside, 2km before Santa Lucia from Aguime, Gran Canaria, Canary Islands. Received as Medicago aschersoniana. Annual. Wild. Seed.

498924. 2319. Spain. Hillside, rocky red soil, 29km past Aguime, Gran Canaria, Canary Islands. Received as Medicago aschersoniana. Annual. Wild. Seed.

498925. 2321. Spain. Way to Valsequilla, 2km past Telde, Gran Canaria, Canary Islands. Received as Medicago aschersoniana. Annual. Wild. Seed.

498926. 2324. Spain. Hillside, 2km before Santa Lucia from Ansite, Gran Canaria, Canary Islands. Received as Medicago aschersoniana. Annual. Wild. Seed.

498927. 2326. Spain. River, rocky hillside, Arguinequin, Gran Canaria, Canary Islands. Received as Medicago aschersoniana. Annual. Wild. Seed.

498928. 2327. Spain. Rocky hillside, 8km fr Aguime to Santa Lucia, Gran Canaria, Canary Islands. Received as Medicago aschersoniana. Annual. Wild. Seed.

498929. 2332. Spain. Rocky hillside, 5km fr Aguime to Santa Lucia, Gran Canaria, Canary Islands. Received as Medicago aschersoniana. Annual. Wild. Seed.

498930. Medicago lanigera Winkler & Fedtschenko ex Fedtschenko (Fabaceae).

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, MD. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received April 1985.

254. Soviet Union. Hortus Botanicus Academiae. Annual. Wild. Seed.

498931 TO 499150. Medicago minima (L.) Bartal. (Fabaceae) Little burclover.

From Canada. Donated by Seymour, P.N.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, MD. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received April 1985.

498931. 324. Annual. Wild. Seed.

498932. 325. Soviet Union. Botanic garden, Ashkhabad, Turkmen SSR. Annual. Wild. Seed.

498933. 326. France. Botanic garden, Bosancon. Annual. Wild. Seed.

498934. 327. Germany, Federal Rep of. Botanic garden, Frankfurt am Main. Annual. Wild. Seed.

498935. 328. Portugal. Botanic garden, Coimbra. Annual. Wild. Seed.

498936. 329. France. Botanic garden, Bosancon. Annual. Wild. Seed.

498937. 330. Greece. Annual. Wild. Seed.

498938. 331. Czechoslovakia. Botanic garden, Bratislava. Annual. Wild. Seed.

498939. 332. Soviet Union. Botanic garden, Baku. Annual. Wild. Seed.

498940. 333. Soviet Union. Botanic garden, Moscow. Annual. Wild. Seed.

498941. 334. Soviet Union. Botanic garden, Ashkhabad. Annual. Wild. Seed.

498942. 335. Soviet Union. Botanic garden. Annual. Wild. Seed.

498943. 336. Soviet Union. Botanic garden. Annual. Wild. Seed.

498944. 337. Czechoslovakia. Botanic garden, Brno. Annual. Wild. Seed.

498945. 338. Germany, Federal Rep of. Botanic garden, Johannes Gutenberg. Annual. Wild. Seed.

498946. 339. Morocco. Annual. Wild. Seed.

498947. 340. Romania. Botanic garden, Bucuresti. Annual. Wild. Seed.

498948. 341. Romania. Botanic garden, Cluj. Annual. Wild. Seed.

498949. 342. Italy. Botanic garden, Udine. Annual. Wild. Seed.

498950. 343. Czechoslovakia. Botanic garden, Brno. Annual. Wild. Seed.

498951. 344. Italy. Botanic garden, Palermo, Sicily. Annual. Wild. Seed.

498952. 345. Greece. Peloponnese. Collected by K.H. Pechinger. Annual. Wild. Seed.

498953. 346. Greece. Thessalia. Collected by K.H. Rechinger. Annual. Wild. Seed.

498954. 348. Italy. Trieste. Annual. Wild. Seed.

498955. 349. Italy. Monfalcone. Annual. Wild. Seed.

498956. 350. Italy. Trieste. Annual. Wild. Seed.

498957. 592. Turkey. Terasli saha Tupla fabrikasi. Annual. Wild.

Seed.

498958. 599. Turkey. South, 10km of Kizilcahaman. Annual. Wild. Seed.

498959. 605. Turkey. North, 8km of Ankara. Annual. Wild. Seed.

498960. 644. Turkey. Kanligecit Osmaniye, Adana. Annual. Wild. Seed.

498961. 679. Turkey. Kurttepe, Adana. Annual. Wild. Seed.

498962. 688. Italy. Pompei, Naples. Annual. Wild. Seed.

498963. 696. Italy. Itri, 126km S of Rome. Annual. Wild. Seed.

498964. 744. Italy. San Martino, Sicily. Annual. Wild. Seed.

498965. 762. Italy. Collesano. Annual. Wild. Seed.

498966. 792. Italy. Piana degli Albanesi. Annual. Wild. Seed.

498967. 816. Turkey. Cayundur ciftligi, 7km W of Ankara. Annual. Wild. Seed.

498968. 817. Turkey. Cayundur ciftligi, 7km W of Ankara. Annual. Wild. Seed.

498969. 839. Turkey. Road to Haymana, 39km from Ankara. Annual. Wild. Seed.

498970. 840. Turkey. Road to Haymana, 49km from Ankara. Annual. Wild. Seed.

498971. 852. Turkey. Karatas, Adana Province. Annual. Wild. Seed.

498972. 876. Turkey. Mersin. Annual. Wild. Seed.

498973. 902. Turkey. Roadside between Ankara and Kizilcahamam, 3km W of Saray. Annual. Wild. Seed.

498974. 905. Turkey. Roadside between Adana and Ankara. Annual. Wild. Seed.

498975. 911. Turkey. Protected area near Susuz. Annual. Wild. Seed.

498976. 954. Greece. Korinthos. Annual. Wild. Seed.

498977. 965. Greece. Airport, Kosani. Annual. Wild. Seed.

498978. 970. Greece. Siatista. Annual. Wild. Seed.

498979. 983. Italy. Way to Vesuvius. Annual. Wild. Seed.

498980. 1003. Italy. Capri. Annual. Wild. Seed.

498981. 1014. Turkey. Roadside to Goblas. Annual. Wild. Seed.

498982. 1021. Italy. Lazzi, near Florence. Annual. Wild. Seed.

498983. 1046. Italy. Iglesias to Arbus, Sardinia. Annual. Wild. Seed.

498984. 1056. Italy. Iglesias to Arbus, Sardinia. Annual. Wild. Seed.

498985. 1083. Italy. Between Pulnam and Teulada, Sardinia. Annual. Wild. Seed.

498986. 1088. Italy. Near Quartu Sant'Elena, Sardinia. Annual. Wild. Seed.

498987. 1097. Italy. Cape S. Elia, Sardinia. Annual. Wild. Seed.

498988. 1114. Greece. From Iraklion to Nikolaos, 24km Crete. Annual. Wild. Seed.

498989. 1123. Greece. West of Nikolaos, 29km, Crete. Annual. Wild. Seed.

498990. 1135. Greece. Between Vrakhassi and Latsida, Crete. Annual. Wild. Seed.

498991. 1142. Greece. On way to Kritsa, Crete. Annual. Wild. Seed.

498992. 1145. Greece. Near Nikolaos, Malia, Crete. Annual. Wild. Seed.

498993. 1149. Greece. Malia, Crete. Annual. Wild. Seed.

498994. 1163. Greece. Crete. Annual. Wild. Seed.

498995. 1204. Greece. Kaliftaki, Goulimis property near Kifisia, Athens. Annual. Wild. Seed.

498996. 1214. Greece. Halfway to Petaloides, Rhodes. Annual. Wild. Seed.

498997. 1224. Greece. Road to Kamiros from Rhodes, 21-22km. Annual. Wild. Seed.

498998. 1227. Greece. Petaloides, 26km from Rhodes above the Butterflies Bar. Annual. Wild. Seed.

498999. 1233. Greece. Old city in Kamiros. Annual. Wild. Seed.

499000. 1234. Greece. Pine woods in mountains, 44km from Rhodes. Annual. Wild. Seed.

499001. 1252. Greece. Woods in mountains. Annual. Wild. Seed.

499002. 1257. Cyprus. Near Kythrea. Annual. Wild. Seed.

499003. 1263. Cyprus. Near Kythrea. Annual. Wild. Seed.

499004. 1266. Cyprus. Near Kythrea. Annual. Wild. Seed.

499005. 1276. Cyprus. Cape Andreas, before Monastery. Annual. Wild. Seed.

499006. 1280. Cyprus. Between Nicosia and Peristerone. Annual. Wild. Seed.

499007. 1283. Cyprus. Between Nicosia and Peristerone. Annual. Wild. Seed.

499008. 1295. Cyprus. Between Nicosia and Peristerone. Annual. Wild. Seed.

499009. 1300. Cyprus. Between Leskoniko and Boghaz. Annual. Wild. Seed.

499010. 1310. Cyprus. Pine woods in mountains on way to Troodos. Annual. Wild. Seed.

499011. 1315. Cyprus. On way from Troodos to Kolossi. Annual. Wild. Seed.

499012. 1321. Lebanon. Sofar. Annual. Wild. Seed.

499013. 1327. Lebanon. Sofar, across police house. Annual. Wild. Seed.

499014. 1331. Lebanon. Between Dahrel Baidar and Tabal Knisch and Falougha road. Annual. Wild. Seed.

499015. 1339. Lebanon. Sofar, across police house. Annual. Wild. Seed.

499016. 1341. Lebanon. Sanatory, Hammana. Annual. Wild. Seed.

499017. 1353. Lebanon. Fayadieh, 6km above Beirut French college. Annual. Wild. Seed.

499018. 1365. Lebanon. Bhamdoun. Annual. Wild. Seed.

499019. 1377. Lebanon. Chtaura. Annual. Wild. Seed.

499020. 1387. Lebanon. Baabeck Jupiter Temple. Annual. Wild. Seed.

499021. 1411. Lebanon. Enfeh. Annual. Wild. Seed.

499022. 1429. Lebanon. Tripol. Annual. Wild. Seed.

499023. 1434. Turkey. Near Ankara. Annual. Wild. Seed.

499024. 1438. Greece. Near Thessaloniki. Annual. Wild. Seed.

499025. 1440. Greece. Between Serrai and Thessaloniki. Annual. Wild. Seed.

499026. 1443. Greece. Between Serrai and Thessaloniki. Annual. Wild. Seed.

499027. 1444. Greece. Between Serrai and Thessaloniki. Annual. Wild. Seed.

499028. 1446. Greece. Between Serrai and Thessaloniki. Annual. Wild. Seed.

499029. 1453. Greece. West, 30km of Drama Alstrachi. Annual. Wild. Seed.

499030. 1458. Greece. Xanthi. Annual. Wild. Seed.

499031. 1456. Greece. Krinides, Filipon. Annual. Wild. Seed.

499032. 1461. Greece. Xanthi. Annual. Wild. Seed.

499033. 1468. Greece. East of Kavala, 6km. Annual. Wild. Seed.

499034. 1473. Greece. Kavala. Annual. Wild. Seed.

499035. 1479. Greece. East of Avli, 12km W of Kavala. Annual. Wild. Seed.

499036. 1484. Greece. Between Xanthi and Kavala. Annual. Wild. Seed.

499037. 1486. Greece. Sea shore. Annual. Wild. Seed.

499038. 1494. Greece. Ghalipsos. Annual. Wild. Seed.

499039. 1504. France. Mount Baron, Nice. Annual. Wild. Seed.

499040. 1518. France. Mount Saint Antoenne, Cannes. Annual. Wild. Seed.

499041. 1525. Italy. Badalucco. Annual. Wild. Seed.

499042. 1533. Italy. Mount Madonna delle Nave, Badalucco. Annual. Wild. Seed.

499043. 1541. Spain. Northeast, 50km of Barcelona. Annual. Wild. Seed.

499044. 1552. Spain. From Puigcerda, 13km before Tosas. Annual. Wild. Seed.

499045. 1554. Spain. Puigcerda. Annual. Wild. Seed.

499046. 1560. Spain. After Pona. Annual. Wild. Seed.

499047. 1564. Spain. Road from Vich to Avinyo, 13km W of Vich. Annual. Wild. Seed.

499048. 1577. Spain. Cadiz. Annual. Wild. Seed.

499049. 1586. Spain. Chiclana, Cadiz. Annual. Wild. Seed.

499050. 1594. Spain. Chiclana. Annual. Wild. Seed.

499051. 1598. Spain. Toledo. Annual. Wild. Seed.

499052. 1599. Spain. From Madrid to Toledo, 27km. Annual. Wild. Seed.

499053. 1602. France. Bayonne to Biaritz near Lazaretz river mouth in sea. Annual. Wild. Seed.

499054. 1607. France. Near Biaritz on way from Bayonne. Annual. Wild. Seed.

499055. 1617. France. Onde, Toulouse. Annual. Wild. Seed.

499056. 1626. France. From Estagel to St. Paul de Fe, 5km. Annual. Wild. Seed.

499057. 1643. France. Leucate sea shore. Annual. Wild. Seed.

499058. 1645. France. Leucate. Annual. Wild. Seed.

499059. 1666. France. Aleria, Corsica. Annual. Wild. Seed.

499060. 1676. France. Biguglia, Corsica. Annual. Wild. Seed.

499061. 1684. Italy. Annual. Wild. Seed.

499062. 1685. Italy. Annual. Wild. Seed.

499063. 1688. Italy. Annual. Wild. Seed.

499064. 1696. Italy. Sulmona. Annual. Wild. Seed.

499065. 1702. Italy. Casa Cantoniera. Annual. Wild. Seed.

499066. 1707. Italy. Floodgate near Sulmona. Annual. Wild. Seed.

499067. 1711. Italy. Floodgate near Sulmona. Annual. Wild. Seed.

499068. 1716. Italy. Pacentro, near Sulmona. Annual. Wild. Seed.

499069. 1718. Italy. Pacentro, near Sulmona. Annual. Wild. Seed.

499070. 1720. Italy. Pacentro, near Sulmona. Annual. Wild. Seed.

499071. 1723. Italy. Bagni di Tivoli. Annual. Wild. Seed.

499072. 1728. Italy. Ostia, Lido near Rome. Annual. Wild. Seed.

499073. 1765. Turkey. Ankara, Haymana. Annual. Wild. Seed.

499074. 1768. Turkey. Mersin playa. Annual. Wild. Seed.

499075. 1782. Greece. Road to Archangelos, 1 km from Kolimbia, Rhodes. Annual. Wild. Seed.

499076. 1786. Lebanon. Beirut, Hammana. Annual. Wild. Seed.

499077. 1787. Lebanon. Beirut, Hammana. Annual. Wild. Seed.

499078. 1793. Lebanon. Beirut, Hammana. Annual. Wild. Seed.

499079. 1729. Turkey. Geyve, Adipazari Province. Collected by D.R. Cornelius. Annual. Wild. Seed.

499080. 1737. Turkey. Taskopru, Eskesir Province. Collected by D.R. Cornelius. Annual. Wild. Seed.

499081. 1800. Lebanon. Collected by Mrs. Edgecombe. Annual. Wild. Seed.

499082. 1801. France. Corsica. Annual. Wild. Seed.

499083. 1868. Soviet Union. Annual. Wild. Seed.

499084. 1941. Portugal. Annual. Wild. Seed.

499085. 1942. Germany. Annual. Wild. Seed.

499086. 1943. Italy. Annual. Wild. Seed.

499087. 1944. Soviet Union. Annual. Wild. Seed.

499088. 2077. Italy. Mantredano, Viesta, Gargano. Annual. Wild. Seed.

499089. 2081. Malta. Kalafrana. Annual. Wild. Seed.

499090. 2093. Italy. Potenza, Atena Lucania on way to Lagonegro. Annual. Wild. Seed.

499091. 2094. Italy. Below Mt. Sparviere, S. Lorenze, Bellizzi Calabria. Annual. Wild. Seed.

499092. 2112. Italy. Gargano, Varano. Annual. Wild. Seed.

499093. 2123. Italy. Perschici, 5km to Rodi, Gargano. Annual. Wild. Seed.

499094. 2124. Malta. Marsalform Gozo. Annual. Wild. Seed.

499095. 2128. Italy. Pompeii. Annual. Wild. Seed.

499096. 2129. Malta. Ghajn Tuffiema. Annual. Wild. Seed.

499097. 2139. Italy. Canosa, Lavallo Potenza. Annual. Wild. Seed.

499098. 2140. Italy. Massafra, Bari. Annual. Wild. Seed.

499099. 2162. Italy. Mt. Argentario near Port Ercole. Annual. Wild. Seed.

499100. 2163. Malta. Dingli. Annual. Wild. Seed.

499101. 2188. Soviet Union. Botanical Gardens, Tiflis. Annual. Wild. Seed.

499102. 2194. Soviet Union. Botanical Gardens, Tiflis. Annual. Wild. Seed.

499103. 2224. Spain. From Harria to Los Valles, Lanzarote. Annual. Wild. Seed.

499104. 2225. Spain. El Molino, Fuerteventura. Annual. Wild. Seed.

499105. 2226. Spain. Los Berrazales, Gran Canaria, Canary Islands. Annual. Wild. Seed.

499106. 2227. Spain. Between San Isidro and El Medano, Tenerife, Canary Islands. Annual. Wild. Seed.

499107. 2228. Spain. From Granadilla to El Medano, 2km, Tenerife, Canary Islands. Annual. Wild. Seed.

499108. 2229. Spain. White volcanic soil,4km fr Las Palmas to Tafira Alta,Gran Canaria,Canary Is. Annual. Wild. Seed.

499109. 2230. Spain. Vilaflor, Tenerife, Canary Islands. Annual. Wild. Seed.

499110. 2231. Spain. Chio to Tenerife, Canary Islands. Annual. Wild. Seed.

499111. 2232. Spain. Chio to Tenerife, Canary Islands. Annual. Wild. Seed.

499112. 2277. Spain. Tafira Alta, Gran Canaria, Canary Islands. Annual. Wild. Seed.

499113. 2308. Spain. Roadside, 3km past Aguime to Santa Lucia, Gran Canaria, Canary Islands. Annual. Wild. Seed.

499114. 2311. Spain. Roadside, 3km past Aguime to Santa Lucia, Gran Canaria, Canary Islands. Red soil. Annual. Wild. Seed.

499115. 2313. Spain. From Telde to Valsequilla, 6km, Gran Canaria, Canary Islands. Annual. Wild. Seed.

499116. 2317. Spain. Hillside, 2km before Santa Lucia from Aguime. Annual. Wild. Seed.

499117. 2322. Spain. From Telde to Valsequilla, 2km, Gran Canaria, Canary Islands. Annual. Wild. Seed.

499118. 2330. Spain. Rocky hillside, Mogan, Gran Canaria, Canary Islands. Annual. Wild. Seed.

499119. 2334. Spain. Rocky hillside, fr Aguime to Santa Lucia, 5km, Gran Canaria, Canary Islands. Annual. Wild. Seed.

499120. 2341. Greece. Mountainside, Karpathos. Annual. Wild. Seed.

499121. 2356. Greece. Roadside, St. Nikolaos. Annual. Wild. Seed.

499122. 2360. Greece. St. George. Annual. Wild. Seed.

499123. 2374. Greece. Mt. Colla, Karpathos. Annual. Wild. Seed.

499124. 2384. Greece. Mt. Colla, Karpathos. Annual. Wild. Seed.

499125. 2411. Tunisia. Sidi Audet to Uoslettia, 16km from Sidi Audet, North Africa. Annual. Wild. Seed.

499126. 2413. Tunisia. Road from Kalar Khasba, 2km to Thala, 1 km off Rohia. Annual. Wild. Seed.

499127. 2416. Tunisia. Road from El Kef to Tadjeronnie, 28km. Annual. Wild. Seed.

499128. 2421. Tunisia. Bargou. Annual. Wild. Seed.

499129. 2426. Tunisia. Road from Gafour to Pont du Fahs, 16km. Annual. Wild. Seed.

499130. 2446. Tunisia. Road from Gabes, 65-67km to Medenine. Annual. Wild. Seed.

499131. 2450. Tunisia. Cemetery, Siliana. Annual. Wild. Seed.

499132. 2461. Tunisia. Road from Ourlettia, 19km to Sidi Aoui daf. Annual. Wild. Seed.

499133. 2467. Tunisia. Between Maktar and Kessera. Annual. Wild. Seed.

499134. 2487. Algeria. From Medea, 12km to Berrouaghia. Annual. Wild. Seed.

499135. 2516. Algeria. Road to Sidi Bel Abbes from Saida. Annual. Wild. Seed.

499136. 2519. Algeria. El Arrouchi, Annaba to Constantine. Annual. Wild. Seed.

499137. 2582. Algeria. Road to Saida, 10km past Sig. Annual. Wild. Seed.

499138. 2603. Algeria. Alger. Annual. Wild. Seed.

499139. 2617. Algeria. City ruins, Romeau Temple ruins, Timgad. Annual. Wild. Seed.

499140. 2633. Algeria. Valley, Oued Chiffa. Annual. Wild. Seed.

499141. 2637. Morocco. Mountain road to Nkheila. Annual. Wild. Seed.

499142. 2695. Morocco. Road from El Jadida, 61km S to Marrakech. Annual. Wild. Seed.

499143. 2712. Morocco. Road from El Jadida, 24km S to Smail. Annual. Wild. Seed.

499144. 2728. Morocco. Road from Ifrane, 27km to Fes. Annual. Wild. Seed.

499145. 2731. Morocco. Road from Midelt, 1 km to Azrou. Annual. Wild. Seed.

499146. 2746. Morocco. Road to Ain el Leuk. Annual. Wild. Seed.

499147. 2779. Morocco. Road to Ain el Aouda. Annual. Wild. Seed.

499148. 2780. Morocco. Road from Temara to Ain el Aouda. Annual. Wild. Seed.

499149. 2790. Algeria. Road from Tlemcen, 2-3km past Termi. Annual. Wild. Seed.

499150. 2849. Spain. Annual. Wild. Seed.

499151 TO 499155. Medicago sauvagei Negre (Fabaceae).

From Canada. Donated by Seymour, P.W.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, MD. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received April 1985.

499151. 539. Morocco. Rehamna Boulaoume. Annual. Wild. Seed.

499152. 1843. Morocco. Annual. Wild. Seed.

499153. 3210. Annual. Wild. Seed.

499154. 2636. Morocco. Mountain road to Nkheila. Annual. Wild. Seed.

499155. 2640. Morocco. From Rabat to Rommani, 44km. Annual. Wild. Seed.

499156 TO 499161. Medicago tenoreana Ser. (Fabaceae).

From Canada. Donated by Seymour, P.W.D.; Devonian Botanic Gardens, University of Alberta; Edmonton, Alberta. Received through G.R. Bauchan, Field Crops Laboratory, USDA-ARS, Beltsville, MD. Code numbers refer to designations by K.A. Lesins, Dept. of Plant Science, University of Alberta.
Received April 1985.

499156. 751. Italy. San Martino. Annual. Wild. Seed.

499157. 1499. France. Mount Barou, Nice. Annual. Wild. Seed.

499158. 1501. France. Mount Barou, Nice. Annual. Wild. Seed.

499159. 2050. Italy. Palermo. Annual. Wild. Seed.

499160. 2114. Italy. Gargano Varano. Annual. Wild. Seed.

499161. 2121. Italy. Peschici, 5km to Rodi, Gargano. Annual. Wild. Seed.

499162 TO 499207. Nicotiana rustica L. (Solanaceae).

From United States. Donated by Tobacco Laboratory, USDA-ARS; Beltsville, Maryland.
Received July 1985.

499162. R101. 4384-HHS. United States. Donated by H.H. Smith. Cultivated. Seed.

499163. R102. 4385 L-5-6. United States. Donated by H.H. Smith. Cultivated. Seed.

499164. R103. 4386 L-5-6. United States. Donated by H.H. Smith. Cultivated. Seed.

499165. R104. 4390 L-5-2-1. United States. Donated by H.H. Smith. Cultivated. Seed.

499166. R105. 4398 L-5-2-1. United States. Donated by H.H. Smith. Cultivated. Seed.

499167. R106. 4399 L-5-2-1. United States. Donated by H.H. Smith. Cultivated. Seed.

499168. R107. 43054 L-5-2-1. United States. Donated by H.H. Smith. Cultivated. Seed.

499169. R108. 43101 L-2-1B X L-6-2-1. United States. Donated by H.H. Smith. Cultivated. Seed.

499170. R109. 43102 1L-6-2-1 X L5-2-1B. United States. Donated by H.H. Smith. Cultivated. Seed.

499171. R110. 43103 L-5-2-1 X L-6-2-1. United States. Donated by H.H. Smith. Cultivated. Seed.

499172. R111. 43104-1 L-5-2-1B X L-6-1. United States. Donated by H.H. Smith. Cultivated. Seed.

499173. R112. 4401 L-5-2-1b. United States. Donated by H.H. Smith. Cultivated. Seed.

499174. R113. Brasilia #7. Donated by E.H. Beinhart. Cultivated. Seed.

499175. R114. Brasilia #23. Donated by O. Oslon. Cultivated. Seed.

499176. R118. 68 Oslon. Donated by O. Oslon. Cultivated. Seed.

499177. R120. C 39-193 Adv. Gen. (Tab. X Ru). United States. Donated by H.H. Smith. Cultivated. Seed.

499178. R121. German #2. Donated by E.H. Beinhart. Cultivated. Seed.

499179. R122. German #1. Donated by E.H. Beinhart. Cultivated. Seed.

499180. R123. Mahorka # 1 Ac 18/7. Soviet Union. Cultivated. Seed.

499181. R124. Mahorka # 2 Armenia. Soviet Union. Cultivated. Seed.

499182. R125. Mahorka #3 Voronezhskaia. Soviet Union. Cultivated. Seed.

499183. R126. Mahorka #4 Tall green. Soviet Union. Cultivated. Seed.

499184. R127. Mahorka #5. Soviet Union. Cultivated. Seed.

499185. R128. Mahorka #6 Yellow #109. Soviet Union. Cultivated. Seed.

499186. R129. Mahorka #7 Pekhletzenskaia. Soviet Union. Cultivated. Seed.

499187. R130. Mahorka #8 Prosechenskaia. Soviet Union. Cultivated. Seed.

499188. R131. Mahorka #9 Stapukhenskaia. Soviet Union. Cultivated. Seed.

499189. R132. Mahorka #10 Sorotooskaia. Soviet Union. Cultivated. Seed.

499190. R133. Mahorka #11 Stalingradskaia. Soviet Union. Cultivated. Seed.

499191. R134. Mahorka #12 Ivisenskaia local. Soviet Union. Cultivated. Seed.

499162 TO 499207-continued

499192. R135. Kostoff white seed #14. Soviet Union. Cultivated. Seed.

499193. R136. Bak #46. Soviet Union. Cultivated. Seed.

499194. R137. Koriotes dark-blue. Soviet Union. Cultivated. Seed.

499195. R138. Jalnkaza Soldata. Soviet Union. Cultivated. Seed.

499196. R139. Jalnkaza black-blue #54. Soviet Union. Cultivated. Seed.

499197. R140. Drosgi black-blue #45. Soviet Union. Cultivated. Seed.

499198. R141. 14 No. 23057. Soviet Union. Cultivated. Seed.

499199. R142. Edinburg #25. Soviet Union. Cultivated. Seed.

499200. R143. Ja. Bot. Car. #30. France. Cultivated. Seed.

499201. R144. P. Bot. Car. #29. Soviet Union. Lithuania. Cultivated. Seed.

499202. R146. Harbin #6. China, Peoples Repub of. Manchuria Region. Cultivated. Seed.

499203. R151. Chinensis. Turkey. Cultivated. Seed.

499204. R152. Campanulata. New Zealand. Cultivated. Seed.

499205. R153. Acutifolia. New Zealand. Cultivated. Seed.

499206. R154. Fructicosa. New Zealand. Cultivated. Seed.

499207. R155. Acutifolia. New Zealand. Cultivated. Seed.

499208 TO 499257. Abutilon theophrasti Medik. (Malvaceae).

From Soviet Union. Donated by VIR; Leningrad. Received through N.R. Spencer, USDA-ARS, Stoneville, Mississippi. Received August 1985.

499208. Ethiopia. Eritrea. Received as Abutilon avicennae var. aureum. Seed.

499209. Soviet Union. Kazakh SSR. Received as Abutilon avicennae var. aureum. Seed.

499210. Japan. Received as Abutilon avicennae var. aureum. Seed.

499211. China, Peoples Repub of. North China. Received as Abutilon avicennae var. aureum. Seed.

499212. Italy. Received as Abutilon avicennae var. aureum. Seed.

499213. Japan. Received as Abutilon avicennae var. aureum. Seed.

499214. Soviet Union. North Caucasus Region. Received as Abutilon avicennae var. aureum. Seed.

499215. Africa. Received as Abutilon avicennae var. aureum. Seed.

499216. China, Peoples Repub of. Received as Abutilon avicennae var. aureum. Seed.

499217. China, Peoples Repub of. Received as Abutilon avicennae var. aureum. Seed.

499218. China, Peoples Repub of. Received as Abutilon avicennae var. aureum. Seed.

499219. Soviet Union. North Caucasus Region. Received as Abutilon avicennae var. cordatum. Seed.

499220. German Democratic Repub. Received as Abutilon avicennae var. cordatum. Seed.

499221. Soviet Union. Ukrainian SSR. Received as Abutilon avicennae var. cordatum. Seed.

499222. Portugal. Received as Abutilon avicennae var. cordatum. Seed.

499223. India. Received as Abutilon avicennae var. cordatum. Seed.

499224. Romania. Received as Abutilon avicennae var. cordatum. Seed.

499225. Switzerland. Received as Abutilon avicennae var. cordatum. Seed.

499226. United Kingdom. Received as Abutilon avicennae var. cordatum. Seed.

499227. Soviet Union. North Caucasus Region. Received as Abutilon avicennae var. cordatum. Seed.

499228. Soviet Union. Ukrainian SSR. Received as Abutilon avicennae var. rotundifolium. Seed.

499229. China, Peoples Repub of. Received as Abutilon avicennae var. rotundifolium. Seed.

499230. Middle Asia. Received as Abutilon avicennae var. rotundifolium. Seed.

499231. Poland. Received as Abutilon avicennae var. rotundifolium. Seed.

499232. Sweden. Received as Abutilon avicennae var. rotundifolium. Seed.

499233. France. Received as Abutilon avicennae var. rotundifolium. Seed.

499234. Italy. Received as Abutilon avicennae var. rotundifolium. Seed.

499235. India. Received as Abutilon avicennae var. rotundifolium. Seed.

499236. Portugal. Received as Abutilon avicennae var. rotundifolium. Seed.

499237. Denmark. Received as Abutilon avicennae var. rotundifolium. Seed.

499238. Soviet Union. Ukrainian SSR. Received as Abutilon avicennae var. rotundifolium. Seed.

499239. Netherlands. Received as Abutilon avicennae var. rotundifolium. Seed.

499240. Soviet Union. North Caucasus Region. Received as Abutilon avicennae var. tamanicum. Seed.

499241. Soviet Union. Ukrainian SSR. Received as Abutilon avicennae var. tamanicum. Seed.

499242. Far East. Received as Abutilon avicennae var. tamanicum. Seed.

499243. Middle Asia. Received as Abutilon avicennae var. tamanicum. Seed.

499244. China, Peoples Repub of. North China. Received as Abutilon avicennae var. tamanicum. Seed.

499245. France. Received as Abutilon avicennae var. tamanicum. Seed.

499246. Italy. Received as Abutilon avicennae var. tamanicum. Seed.

499247. Soviet Union. Received as Abutilon avicennae var. violaceum. Seed.

499248. China, Peoples Repub of. Received as Abutilon avicennae var. violaceum. Seed.

499249. Poland. Received as Abutilon avicennae var. violaceum. Seed.

499250. India. Received as Abutilon avicennae var. violaceum. Seed.

499251. China, Peoples Repub of. Received as Abutilon avicennae var. violaceum. Seed.

499252. Ethiopia. Received as Abutilon avicennae var. plumbeum. Seed.

499253. Soviet Union. Received as Abutilon avicennae var. plumbeum. Seed.

499254. United States. Received as Abutilon avicennae var. plumbeum. Seed.

499255. Japan. Received as Abutilon avicennae var. plumbeum. Seed.

499256. Soviet Union. North Caucasus Region. Received as Abutilon avicennae var. plumbeum. Seed.

499257. China, Peoples Repub of. Received as Abutilon avicennae var. plumbeum. Seed.

499258. Aegilops columnaris Zhuk. (Poaceae).

From China, Peoples Repub of. Donated by Institute of Crop Germplasm Resources, Chinese Academy of Agricultural Sciences; Beijing.
Received June 1985.

Ae 10. China, Peoples Repub of. Seed.

499259. Aegilops cylindrica Host (Poaceae) Jointed goatgrass.

From China, Peoples Repub of. Donated by Institute of Crop Germplasm Resources, Chinese Academy of Agricultural Sciences; Beijing.
Received June 1985.

Ae 7. China, Peoples Repub of. Seed.

499260. Aegilops lorentii Hochst. (Poaceae) Goatgrass.

From China, Peoples Repub of. Donated by Institute of Crop Germplasm Resources, Chinese Academy of Agricultural Sciences; Beijing.
Received June 1985.

Ae 6. China, Peoples Repub of. Received as Aegilops biuncialis. Seed.

499261. Aegilops speltoides Tausch (Poaceae).

From China, Peoples Repub of. Donated by Institute of Crop Germplasm Resources, Chinese Academy of Agricultural Sciences; Beijing.
Received June 1985.

Ae 48. China, Peoples Repub of. Seed.

499262 TO 499265. Aegilops tauschii Coss. (Poaceae).

From China, Peoples Repub of. Donated by Institute of Crop Germplasm Resources, Chinese Academy of Agricultural Sciences; Beijing.
Received June 1985.

499262. 82-Ae 3. China, Peoples Repub of. Xinjiang. Received as Aegilops squarrosa. Seed.

499263. Ae 35. Canada. Received as Aegilops squarrosa. Seed.

499264. Ae 39. France. Received as Aegilops squarrosa. Seed.

499265. Ae 45. United States. Received as Aegilops squarrosa. Seed.

499266 TO 499281. Hordeum vulgare L. (Poaceae) Barley.

From United States. Donated by Johnson, J.W.; Department of Agronomy, University of Georgia; Experiment, Georgia.
Received August 1985.

499266. Ga-1. United States. Henry/45-355-42//Hiproly. Plants hull-less type. Height 100cm. Maturity medium. Winter survival good. Winter Annual. Breeding Material. Seed.

499267. Ga-2. United States. 45-286-63/Jefferson//Naked Dayton. Plants hull-less type. Height 98cm. Maturity early. Winter survival fair. Winter Annual. Breeding Material. Seed.

499268. Ga-3. United States. Monroe/45-448-11//Naked Dayton. Plants hull-less type. Height 99cm. Maturity early. Winter survival fair. Winter Annual. Breeding Material. Seed.

499269. Ga-4. United States. Naked Dayton/Harrison. Plants hull-less type. Height 105cm. Maturity early. Winter survival fair. Winter Annual. Breeding Material. Seed.

499270. Ga-5. United States. Naked Dayton/Jefferson. Plants hull-less type. Height 91cm. Maturity late. Winter survival poor. Winter Annual. Breeding Material. Seed.

499271. Ga-6. United States. Naked Dayton/Paoli. Plants hull-less type. Height 95cm. Maturity medium. Winter survival fair. Winter Annual. Breeding Material. Seed.

499272. Ga-7. United States. Naked Dayton/Monroe. Plants hull-less type. Height 119cm. Maturity early. Winter survival good. Winter Annual. Breeding Material. Seed.

499273. Ga-8. United States. Naked Dayton/Monroe. Plants hull-less type. Height 90cm. Maturity medium. Winter survival fair. Winter Annual. Breeding Material. Seed.

499274. Ga-9. United States. Naked Dayton/Monroe. Plants hull-less type. Height 107cm. Maturity late. Winter survival fair. Winter Annual. Breeding Material. Seed.

499275. Ga-10. United States. Naked Dayton/Va 71-44-26. Plants hull-less type. Height 98cm. Maturity late. Winter survival good. Winter Annual. Breeding Material. Seed.

499276. Ga-11. United States. Naked Dayton/45-448-13. Plants hull-less type. Height 113cm. Maturity early. Winter survival good. Winter Annual. Breeding Material. Seed.

499277. Ga-12. United States. Volbar//75429/Naked Dayton. Plants hull-less type. Height 113cm. Maturity medium. Winter survival fair. Winter Annual. Breeding Material. Seed.

499278. Ga-13. United States. Ga 77-399//Naked Dayton/Volbar. Plants hull-less type. Height 119cm. Maturity early. Winter survival good. Winter Annual. Breeding Material. Seed.

499279. Ga-14. United States. Tex 75D1538//Naked Dayton/Volbar. Plants hull-less type. Height 105cm. Maturity early. Winter survival good. Winter Annual. Breeding Material. Seed.

499280. Ga-15. United States. CI 9299/Ga 77-397. Plants hull-

499266 TO 499281-continued

less type. Height 100cm. Maturity medium. Winter survival fair. Winter Annual. Breeding Material. Seed.

499281. Ga-16. United States. Naked Dayton/Paoli. Plants hull-less type. Height 95cm. Maturity early. Winter survival good. Winter Annual. Breeding Material. Seed.

499282 TO 499283. Triticum aestivum L. (Poaceae) Common wheat.

From United States. Donated by Sorrells, M.E.; Department of Plant Breeding and Biometry, Cornell University; Ithaca, New York.
Received August 1985.

499282. NY6432-18. United States. Heines VII//P575201-7(Arthur sib)/Talbot. Soft white type. Yield moderately high. Test weight high. Lodging resistance good. Substantially less sprouting damage than Houser and Frederick. Resistant to powdery mildew. Satisfactory milling and baking qualities. Winter Annual. Breeding Material. Seed.

499283. NY6708-18. United States. See narrative for pedigree. Pedigree is Redcoat/5/Heines VII/4/ Genesee*2/3/ Yorkwin// Brevor/ Norin10 (5726aB-3B-23)/6/ Yorkstar/4/ Transec/ Genesee// Avon/3/ Yorkstar/5/ Yorkstar/4/ Transec/ Genesee// Avon/3/ Yorkstar. Soft white type. Yield high. Test weight moderately low. Lodging resistance fair. Substantially less sprouting damage than Houser and Frederick. Moderate resistance to powdery mildew. Satisfactory milling and baking qualities. Winter Annual. Breeding Material. Seed.

499284 TO 499333. Sorghum bicolor (L.) Moench (Poaceae) Sorghum.

From South Africa. Donated by Botanical Research Institute, Department of Agriculture; Pretoria 0001.
Received August 1985.

499284. Arnold & Musil 279. South Africa. Makgobistad village, Molopo District, Bophuthatswana, Northern Cape. Seed.

499285. Arnold & Musil 353. South Africa. Maphephane village, Leheirutshe District, Bophuthatswana, Transvaal. Seed.

499286. Arnold & Musil 370. South Africa. Supingstad village, Leheirutshe District, Bophuthatswana, Transvaal. Seed.

499287. Arnold 2324. South Africa. Collected February 23, 1983. Transvaal, Bophuthatswana. Rhenosterkraal, 2526 BBBB. Seed.

499288. Arnold 2676. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2373. Cultivated. Seed.

499289. Musil & Venter 786. Botswana. Selection from ICRISAT IS 22299. Race guinea. Cultivated. Seed.

499290. Musil & Venter 789. Botswana. Selection from ICRISAT IS 22305. Race guinea. Cultivated. Seed.

499291. Musil & Venter 790a. Botswana. Selection from ICRISAT IS 22326. Race bicolor. Cultivated. Seed.

499292. Musil & Venter 792. Botswana. Selection from ICRISAT IS 22233. Race caffra. Cultivated. Seed.

499293. Musil & Venter 794. Botswana. Selection from ICRISAT IS 22296. Race durra. Cultivated. Seed.

499294. Musil & Venter 795. Botswana. Selection from ICRISAT IS 22244. Race caffra. Cultivated. Seed.

499295. Musil & Venter 799. Botswana. Selection from ICRISAT IS 22276. Race caffra. Cultivated. Seed.

499296. Musil & Venter 802. Botswana. Selection from ICRISAT IS 22298. Race caffra. Cultivated. Seed.

499297. Arnold et al 2682. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2438. Cultivated. Seed.

499298. Arnold et al 2684. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2505. Cultivated. Seed.

499299. Arnold et al 2685. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2363. Cultivated. Seed.

499300. Arnold et al 2687. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold & Musil 370. Cultivated. Seed.

499301. Arnold et al 2689. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2461. Cultivated. Seed.

499302. Arnold et al 2691. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold & Musil 386. Cultivated. Seed.

499303. Arnold et al 2693. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold and Musil 386. Cultivated. Seed.

499304. Arnold et al 2697. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2457. Cultivated. Seed.

499305. Arnold et al 2704. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2407. Cultivated. Seed.

499306. Arnold et al 2705. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2432. Cultivated. Seed.

499307. Arnold et al 2706. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2432. Cultivated. Seed.

499308. Arnold et al 2707. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2357. Cultivated. Seed.

499309. Arnold et al 2709. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold & Musil 404. Cultivated. Seed.

499310. Arnold et al 2710. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2327. Cultivated. Seed.

499311. Arnold et al 2711. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2324. Cultivated. Seed.

499312. Arnold et al 2717. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2477. Cultivated. Seed.

499313. Arnold et al 2718. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2308. Cultivated. Seed.

499314. Arnold et al 2722. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2372. Cultivated. Seed.

499315. Arnold et al 2723. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2418. Cultivated. Seed.

499316. Arnold et al 2725. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2418. Cultivated. Seed.

499317. Arnold et al 2726. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2418. Cultivated. Seed.

499318. Arnold et al 2727. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2393. Cultivated. Seed.

499319. Arnold et al 2729. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2586. Cultivated. Seed.

499320. Arnold et al 2731. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2408. Cultivated. Seed.

499321. Arnold et al 2734. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2434. Cultivated. Seed.

499322. Arnold et al 2739. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2453. Cultivated. Seed.

499323. Arnold et al 2740. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2449. Cultivated. Seed.

499324. Arnold et al 2750. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2569. Cultivated. Seed.

499325. Arnold et al 2752. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2425. Cultivated. Seed.

499326. Arnold et al 2754. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2478. Cultivated. Seed.

499327. Arnold et al 2755. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2386. Cultivated. Seed.

499328. Arnold et al 2761. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold 2340. Cultivated. Seed.

499284 TO 499333-continued

499329. Arnold et al 2764. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold and Duggan 85. Cultivated. Seed.

499330. Arnold et al 2765. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold and Duggan 85. Cultivated. Seed.

499331. Arnold et al 2775. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold and Musil 284. Cultivated. Seed.

499332. Arnold et al 2779. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold and Musil 315. Cultivated. Seed.

499333. Arnold et al 2780. South Africa. Roodeplaat. Horticultural Research Institute. Selection from Arnold and Musil 342. Cultivated. Seed.

499334. Cornus mas L. (Cornaceae) Cornelian-cherry.

From Soviet Union. Donated by VIR; Leningrad. Received through H. Black, Hidden Springs Nursery, Cookeville, Tennessee.
Received June 1985.

Soviet Union. Cultivated. Seed.

499335. Zea mays L. (Poaceae) Field corn.

From Mexico. Donated by CIMMYT; Mexico, D.F. Received through Pioneer Hi-Bred International, Inc., Dept. of Corn Breeding, Homestead, FL.
Received August 1985.

Cuba 139. Cuba. Cultivated. Seed.

499336 TO 499348. Hordeum vulgare L. (Poaceae) Barley.

From United States. Donated by Department of Agronomy, University of Missouri; Columbia, Missouri.
Received August 1985.

499336. MO B2414. United States. MO B-400/Ludwig//Carstens. Two row type. Winter Annual. Breeding Material. Seed.

499337. MO B2639. United States. MO B-475/Kenbar//Tscherwak. Two row type. Winter Annual. Breeding Material. Seed.

499338. MO B2690. United States. Michigan winter/MO Early Beardless//MO B475*2/Hudson///Carstens. Two row type. Winter Annual. Breeding Material. Seed.

499339. MO B3056. United States. MO B-400/Ludwig//Noelle. Two row type. Winter Annual. Breeding Material. Seed.

499340. MO B3396. United States. Perry/MO B24143. Two row type. Winter Annual. Breeding Material. Seed.

499341. MO B3539. United States. COSSACK/Perry. Two row type. Winter Annual. Breeding Material. Seed.

499342. MO B3559. United States. Perry/CI14088. Six row type. Yield high. Barley yellow dwarf virus resistant. Winter Annual. Breeding Material. Seed.

499343. MO B3560. United States. Perry/CI14088. Six row type. Yield high. Barley yellow dwarf virus resistant. Winter Annual. Breeding Material. Seed.

499344. MO B3561. United States. Perry/CI14088. Six row type. Yield high. Barley yellow dwarf virus resistant. Winter Annual. Breeding Material. Seed.

499345. MO B3575. United States. Harrison/CI14088. Six row type. Yield high. Barley yellow dwarf virus resistant. Winter Annual. Breeding Material. Seed.

499346. MO 3576. United States. Harrison/CI14088. Six row type. Yield high. Barley yellow dwarf virus resistant. Winter Annual. Breeding Material. Seed.

499347. MO B3578. United States. Harrison/CI14088. Six row type. Yield high. Barley yellow dwarf virus resistant. Winter Annual. Breeding Material. Seed.

499348. MO B3580. United States. Harrison/CI14088. Six row type. Yield high. Barley yellow dwarf virus resistant. Winter Annual. Breeding Material. Seed.

499349 TO 499350. Avena sativa L. (Poaceae) Common oat.

From United States. Donated by Konzak, C.F.; Department of Agronomy and Soils, Washington State University; Pullman, Washington.
Received August 1985.

499349. United States. WA6391/WA6392, Sib cross of Cayuse/CI2874. Plants medium tall. Seeds medium to large, yellow-white. Possibly higher tolerance to Barley Yellow Dwarf Virus

499349 TO 499350-continued
than Cayuse. Adapted to areas similar to that for Cayuse. Spring Annual. Cultivated. Seed.

499350. United States. WA6394/WA6392, Sib cross of Cayuse/CI2874. Cultivated. Seed.

499351 TO 499367. Triticum durum Desf. (Poaceae) Durum wheat.

From United States. Donated by Konzak, C.F.; Department of Agronomy and Soils, Washington State University; Pullman, Washington.
Received August 1985.

499351. T77001. United States. K74337/(T76008, Inrat 69/WA6178). Plants medium height, semidwarf. Low level winterhardiness. Chaff tan. Seeds long, amber. Moderately low yellow berry. Received as Triticum turgidum durum. Winter Annual. Breeding Material. Seed.

499352. T77005. United States. PI245652/T7205022. Plants semidwarf. Chaff tan. Seeds medium-sized, amber. Received as Triticum turgidum durum. Winter Annual. Breeding Material. Seed.

499353. T77008. United States. T7205022/(PI321738, Khosti). Plants semidwarf. Chaff tan. Seeds medium-sized, amber. Low yellow berry. Received as Triticum turgidum durum. Winter Annual. Breeding Material. Seed.

499354. T8300136. United States. T73042/Waid, T80021-55. Plants semidwarf (Rht 1). Maturity medium. Chaff white, awned. Seeds medium large, amber. Resistant to stripe and leaf rusts. Received as Triticum turgidum durum. Spring Annual. Breeding Material. Seed.

499355. T8300138. United States. Waid/T73042, T80022-1. Plants semidwarf (Rht 1). Chaff light brown. Seeds large, amber. Moderately resistant to stripe rust. Received as Triticum turgidum durum. Spring Annual. Breeding Material. Seed.

499356. T8300140. United States. T73042/Waid, T80022-3. Plants semidwarf (Rht 1). Spikes awned. Chaff white. Seeds large, amber. Resistant to stripe rust. Received as Triticum turgidum durum. Spring Annual. Breeding Material. Seed.

499357. T8300143. United States. T73042/Waid, T80024-6. Plants semidwarf (Rht 1). Maturity late medium. Chaff white. Seeds large, amber. Susceptible to stripe rust. Received as Triticum turgidum durum. Spring Annual. Breeding Material. Seed.

499358. T8300146. United States. Waid/T73042, T80024-9. Plants semidwarf (Rht 1). Spikes awned. Chaff white. Seeds large, amber. Susceptible to stripe rust. Received as Triticum turgidum durum. Spring Annual. Breeding Material. Seed.

499359. T8300147. United States. Waid/T73042, T80024-10. Plants semidwarf (Rht 1). Maturity late medium. Spikes awned. Chaff white. Seeds large, amber. Resistant to stripe rust. Received as Triticum turgidum durum. Spring Annual. Breeding Material. Seed.

499360. T8300175. United States. Waid/T73042, T80024-28. Plants semidwarf (Rht 1). Maturity late medium. Spikes awned. Chaff white. Seeds large, amber. Moderately susceptible to stripe rust. Received as Triticum turgidum durum. Spring Annual. Breeding Material. Seed.

499361. T8300179. United States. Waid/T73042, T80024-52. Plants semidwarf (Rht 1). Maturity late medium. Spikes awned. Chaff white. Seeds large, amber. Resistant to stripe rust. Received as Triticum turgidum durum. Spring Annual. Breeding Material. Seed.

499362. T8300217. Edmore MUTSD1. United States. Mutant of Edmore induced by methyl nitroso urea. Plants semidwarf (Rht/edm). Taller than Rht 1 under irrigation. Chaff white. Seeds medium large, amber. Some seed defective. Received as Triticum turgidum durum. Spring Annual. Breeding Material. Seed.

499363. WA6030. United States. Leeds semidwarf Sel.1, mutagen-treated. Plants semidwarf. Similar to Leeds but with higher tillering. Received as Triticum turgidum durum. Breeding Material. Seed.

499364. WA6518. United States. (WA6030, Leeds semidwarf)/Crane 'S', S 211-7. Plants semidwarf (Rht 1). Maturity medium. Spikes awned. Chaff white. Seeds medium large, amber. Resistant to stripe rust. Better adapted to irrigation. Received as Triticum turgidum durum. Spring Annual. Breeding Material. Seed.

499365. WA6630. United States. PI271897/NDD66102. Plants semidwarf (Rht 1). Maturity medium late. Straw strength medium. Spikes awned, white to black. Chaff white. Seeds vitreous amber. Resistant to stripe rust and leaf rust. Moderately susceptible to powdery mildew. Adapted better to irrigation. Received as Triticum turgidum durum. Spring Annual. Breeding Material. Seed.

499366. WA6754. Chile. (Capelli/Langdon dwarf//Langdon)*2

499351 TO 499367-continued
Quilafen P, T7505557. Plants semidwarf (Rht 1). Maturity medium late. Spikes awned, white to black. Chaff white. Seeds large, amber. Resistant to stripe rust. Susceptible to stem rust and leaf rust. Moderately susceptible to powdery mildew. Adapted to irrigation. Received as Triticum turgidum durum. Spring Annual. Breeding Material. Seed.

499367. WA6755. Chile. (Capelli/Langdon dwarf/Langdon)*2 Quilafen P, T7505569. Plants semidwarf (Rht 1). Maturity medium. Straw strength medium to strong. Spikes awned. Chaff white. Seeds large, amber. Resistant to stripe rust, leaf rust and stem rust. Moderately susceptible to mildew. Better adapted to irrigation. Received as Triticum turgidum durum. Spring Annual. Breeding Material. Seed.

499368. Lycopersicon esculentum Mill. (Solanaceae) Tomato.

From India. Donated by Vegetable Research Station, C.S. Azad University of Agriculture & Technology; Kanpur. Received through National Bureau of Plant Genetic Resources, IARI, New Delhi, India.
Received September 1985.

Angoor lata. India. High in ascorbic acid. Cultivar. Seed.

499369. Gossypium hirsutum L. (Malvaceae) Cotton.

From United States. Donated by Williamson, R.E.; Farm Equipment Sales Branch, John Deere Intercontinental Limited; Moline, Illinois.
Received August 1985.

China, Peoples Repub of. Cold tolerant. Cultivated. Seed.

499370 TO 499371. Lycopersicon esculentum Mill. (Solanaceae) Tomato.

From Soviet Union. Donated by VIR; Leningrad.
Received August 1985.

499370. VIR 2455. Prevoskhodnyi 176. Soviet Union. Cultivar. Seed.

499371. VIR 2581. Leningradskii Skorospelyi. Soviet Union. Cultivar. Seed.

499372 TO 499373. Spinacia oleracea L. (Chenopodiaceae) Spinach.

From Soviet Union. Donated by VIR; Leningrad.
Received August 1985.

499372. VIR 447. Ispolinskij. Soviet Union. Contains high level of ascorbic acid. Cultivar. Seed.

499373. VIR 582. Godir. Soviet Union. Cultivar. Seed.

499374. Vigna radiata (L.) Wilczek var. radiata (Fabaceae) Mungbean.

From China, Republic of. Donated by AVRDC; Tainan, Taiwan.
Received August 1985.

VC 1163 D. China, Republic of. PI 413238/PI 378039. Other identification number is BPI-MG2 in the Philippines. Resistant to Cercospora leafspot, powdery mildew, rust, and pod shattering. Breeding Material. Seed.

499375 TO 499377. Triticum aestivum L. (Poaceae) Common wheat.

From United States. Donated by Mathre, D.E.; Department of Plant Pathology, Montana State University; Bozeman, Montana.
Received September 1985.

499375. MT 85301. United States. KS 73164/PI 094424. Plants relatively short. Straw strength good. Survive well under snow. Resistant to Cephalosporium stripe (Cephalosporium gramineum). Moderately to highly resistant to stripe rust (Puccinia striiformis). Winter Annual. Breeding Material. Seed.

499376. MT 85302. United States. Lenore/KS 73164. Plants relatively short. Straw strength good. Survive well under snow. Resistant to Cephalosporium stripe (Cephalosporium gramineum). Moderately to highly resistant to stripe rust (Puccinia striiformis). Winter Annual. Breeding Material. Seed.

499377. MT 85303. United States. Manning/MT 7579. Plants relatively short. Straw strength good. Survive well under snow. Resistant to Cephalosporium stripe (Cephalosporium gramineum). Moderately to highly resistant to stripe rust (Puccinia striiformis). Winter Annual. Breeding Material. Seed.

499378 TO 499379. Brachiaria humidicola (Rendle) Schweick. (Poaceae).

From Australia. Donated by Cunningham Laboratory, Division of Tropical Crops and Pastures, CSIRO; St. Lucia, Queensland.

499378 TO 499379-continued
Received March 1984.

499378. CPI 16707. South Africa. Cultivated. Seed.

499379. CPI 59615. Zimbabwe. Latitude: 18 deg S. Collected February 28, 1972. Main camp area. 1030m. Collected by G.R. Wankie. Rainfall 600mm. Other identification RWS 558. Wild. Seed.

499380. Agropyron barbicallum Ohwi (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China.
Received July 1984.

D-2509. China, Peoples Repub of. Collected July 27, 1980. Along Great Wall, 70km N of Beijing. Plants caespitose, fine-stemmed. Spikes slender. Awns straight. Chromosome no. (2n)= 28. Received as Elymus barbicallus. Wild. Seed.

499381 TO 499390. Agropyron cristatum (L.) Gaertn. (Poaceae) Fairway crested wheatgrass.

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China.
Received July 1984.

499381. D-2518. China, Peoples Repub of. Collected July 30, 1980. Road to livestock commune, 7km NE of Xilinhot, Inner Mongolia. Spikes dense. Spikelets pubescent. Chromosome no.(2n)= 28. Associated with Elymus chinensis. Wild. Seed.

499382. D-2522. China, Peoples Repub of. Collected July 30, 1980. Road to livestock commune, 22km NE of Xilinhot, Inner Mongolia. 1010m. Plants typical but with several variations of the spike. Chromosome no.(2n)= 28. Wild. Seed.

499383. D-2528. China, Peoples Repub of. Collected July 30, 1980. Road to livestock commune, 90km NE of Xilinhot, Inner Mongolia. Spikes dense. Lemmas pubescent. Chromosome no. (2n)= 28. Wild. Seed.

499384. D-2530. China, Peoples Repub of. Collected July 30, 1980. Road to livestock commune, 10km NE of Xilinhot, Inner Mongolia. Spikes relatively narrow. Chromosome no.(2n)= 28. Wild. Seed.

499385. D-2535. China, Peoples Repub of. Huhehot, Inner Mongolia. Animal Husbandry Institute. Collected July 31, 1980. Seeds from experimental plots. Chromosome no.(2n)= 28. Cultivated. Seed.

499386. D-2542. China, Peoples Repub of. Huhehot, Inner Mongolia. College of Agr. and Animal Husbandry. Collected August 01, 1980. Mixed types from experimental plots. Chromosome no.(2n)= 28. Originally from western Inner Mongolia. Cultivated. Seed.

499387. D-2554. China, Peoples Repub of. Xilinhot, Inner Mongolia. Grassland Research Institute. Collected July 31, 1980. Chromosome no.(2n)= 28. Cultivated. Seed.

499388. D-2561. China, Peoples Repub of. Collected August 03, 1980. Steep slope, "5-springs mountain", south outskirts of Lanzhou. 1600m. Plants like small Fairway, dominant grass on hillside. Spikes short, compact. Chromosome no.(2n)= 14+B. Wild. Seed.

499389. D-2565. China, Peoples Repub of. Collected August 03, 1980. Steep slope, "5-springs mountain", south outskirts of Lanzhou. 1740m. Plants low growing, sod forming, provides erosion control on steep hillside. Chromosome no.(2n)= 14. Wild. Seed.

499390. D-2667. China, Peoples Repub of. Collected August 12, 1980. South-facing slope, South Mtn. Grassland, 60km S of Urumchi. 2000m. Spikes dense, short, usually pubescent. Chromosome no.(2n)= 28. Wild. Seed.

499391 TO 499393. Agropyron mongolicum Keng (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499391. D-2544. China, Peoples Repub of. Huhehot, Inner Mongolia. Animal Husbandry Institute. Collected August 01, 1980. Spikes narrow. Chromosome no.(2n)= 14. Received as A. fragile subsp. mongolicum. Cultivated. Seed.

499392. D-2553. China, Peoples Repub of. Huhehot, Inner Mongolia. College of Agr. and Animal Husbandry. Collected August 01, 1980. Experimental plots. Spikes narrow. Chromosome no.(2n)= 14. Received as A. fragile subsp. mongolicum. Cultivated. Seed.

499391 TO 499393-continued

499393. D-2555. China, Peoples Repub of. Xilinhot, Inner Mongolia. Grassland Research Institute. Collected July 31, 1980. Chromosome no.(2n)= 14. Received as A. fragile subsp. mongolicum. Cultivated. Seed.

499394. Agrostis gigantea Roth (Poaceae) Redtop.

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2574. China, Peoples Repub of. Collected August 04, 1980. Along ditch, Vegetable Research Inst., Gansu Bureau of Agr., Lanzhou. 1500m. Received as A. alba. Wild. Seed.

499395. Astragalus adsurgens Pall. (Fabaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2527. China, Peoples Repub of. Collected July 30, 1980. Inside temple court yard, Jilin R. Livestock Commune, 100km NE of Xilinhot. 1000m. Plant about 60cm tall. Inflorescence dense. Seed mostly immature. Wild. Seed.

499396 TO 499399. Astragalus sp. (Fabaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499396. D-2644. China, Peoples Repub of. Collected August 10, 1980. Cultivated valley bottom, 80km SE of Urumchi toward Turfan. 1050m. Plants low growing. Wild. Seed.

499397. D-2650. China, Peoples Repub of. Collected August 11, 1980. Roadside, about 85km SE of Urumchi toward Turfan. 1050m. Plants with prostrate stems to 1.0m long. Wild. Seed.

499398. D-2656. China, Peoples Repub of. Collected August 12, 1980. North slope of South Mountain Grassland, 60km S of

499396 TO 499399-continued

Urumchi, Xinjiang. 2050m. Plants growing among timber. Received as Vicia sp. Wild. Seed.

499399. D-2704. China, Peoples Repub of. Collected August 14, 1980. Guest-house compound, outskirts of Urumchi. Plants rhizomatous. Wild. Seed.

499400. Brachypodium sp. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2614. China, Peoples Repub of. Collected August 07, 1980. Mileage marker 18, road from Lanzhou to Yellow River, Gansu Prov. 2200m. Leaves light green, flat. Spikes drooping. Wild. Seed.

499401 TO 499406. Bromus inermis Leyss. (Poaceae) Smooth bromegrass.

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499401. D-2520. China, Peoples Repub of. Collected July 30, 1980. Road to livestock commune, 22km NE of Xilinhot, Inner Mongolia. 1010m. Plants typical. Site wetter than surrounding prairie. Wild. Seed.

499402. D-2531. China, Peoples Repub of. Huhehot, Inner Mongolia. Animal Husbandry Institute. Collected July 31, 1980. Inner Mongolia. Experimental plots. Cultivated. Seed.

499403. D-2532. China, Peoples Repub of. Huhehot, Inner Mongolia. Animal Husbandry Institute. Collected July 31, 1980. Yellow Goat Town near Wuwei, Gansu Prov. Cultivated. Seed.

499404. D-2552. China, Peoples Repub of. Huhehot, Inner Mongolia. Animal Husbandry Institute. Collected August 01, 1980. Zhangbei, Hebei Prov. 1200m. Plants typical. Cultivated. Seed.

499405. D-2665. China, Peoples Repub of. Collected August 12, 1980. S facing slope, South Mtn. Grassland, 60km S of Urumchi, Inner Mongolia. 2000m. Plants typical. Wild. Seed.

499406. D-2701. China, Peoples Repub of. Collected August 14, 1980. Guest-house compound, outskirts of Urumchi, Inner Mongolia. Plants typical. Wild. Seed.

499407. Cicer arietinum L. (Fabaceae) Chickpea.

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2677. China, Peoples Repub of. Urumchi. "First August" Agr. College. Collected August 13, 1980. Plants native. Pods inflated. Received as Astragalus sp. Cultivated. Seed.

499408. Cornus sp. (Cornaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2689. China, Peoples Repub of. Collected August 14, 1980. Tien Lake, about 100km E of Urumchi. 1770m. Plant small ornamental tree. Wild. Seed.

499409 TO 499410. Dactylis glomerata L. (Poaceae) Orchardgrass.

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499409. D-2662. China, Peoples Repub of. Collected August 12, 1980. Open area, South Mountain Grassland, 60km S of Urumchi, Inner Mongolia. Wild. Seed.

499410. D-2673. China, Peoples Repub of. Sinjiang. Sinjiang Grassland Institute. Collected August 12, 1980. Sinjiang. 200m. Species test plot. Plant very robust to 150cm. Cultivated. Seed.

499411. Elymus brachyaristatus A. Love (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops

499411-continued
Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2641. China, Peoples Repub of. Collected August 10, 1980. Irrigation ditch, 40km SE of Urumchi on the road to Turfan. 1050m. Spikes pendulous, caespitose without awns. Chromosome no.(2n)= 28. Wild. Seed.

499412. Elymus canadensis L. (Poaceae) Canada wildrye.

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2557. China, Peoples Repub of. Xilinhot, Inner Mongolia. Grassland Research Institute. Collected July 31, 1980. Chromosome no.(2n)= 28. Cultivated. Seed.

499413. Elymus caninus (L.) L. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2686. China, Peoples Repub of. Collected August 14, 1980. Along a stream, Tien Lake, about 100km E of Urumchi. 1770m. Plants typical. Chromosome no.(2n)= 28. Wild. Seed.

499414. Elymus cf. trachycaulus (Link) Gould ex Shinn. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2671. China, Peoples Repub of. Sinjiang. Sinjiang Grassland Institute. Collected August 12, 1980. South Mountain Grassland, Sinjiang. 200m. Species test. Plants to 125cm. Spikes awnless. Glumes large. Wild. Seed.

499415. Elymus ciliaris (Trin.) Tzvelev (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops

499415-continued
Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2503. China, Peoples Repub of. Collected July 27, 1980. Roadside near Friendship Hotel, Beijing. Plants to 80cm tall. Spikes self fertile, caespitose. Chromosome no.(2n)= 28. Wild. Seed.

499416 TO 499446. Elymus dahuricus Turcz. ex Griseb. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499416. D-2504. China, Peoples Repub of. Collected July 27, 1980. Low mountains on road to Great Wall, about 50km N of Beijing. Plants to 100cm tall, caespitose. Awns 1-1.5cm long, straight. Chromosome no.(2n)= 42. Wild. Seed.

499417. D-2507. China, Peoples Repub of. Collected July 27, 1980. Along Great Wall, 70km N of Beijing. Plants robust, to 100cm tall, caespitose. Awns straight. Chromosome no.(2n)= 42. Wild. Seed.

499418. D-2508. China, Peoples Repub of. Collected July 27, 1980. Along Great Wall, 70km N of Beijing. Plant large, about 125cm tall, caespitose. Awns spreading, to 2cm. Chromosome no.(2n)= 42. Wild. Seed.

499419. D-2513. China, Peoples Repub of. Collected July 29, 1980. Ditch bank at Grassland Institutute, Xilinhot, Inner Mongolia. Plants to 125cm tall, caespitose. Spikes dense. Chromosome no.(2n)= 42. Wild. Seed.

499420. D-2521. China, Peoples Repub of. Collected July 30, 1980. On road to livestock commune, 22km NE of Xilinhot, Inner Mongolia. 1010m. Plants rhizomatous. Spikes narrow. Spikelets single. Chromosome no.(2n)= 42. Wild. Seed.

499421. D-2536. China, Peoples Repub of. Huhehot, Inner Mongolia. Animal Husbandry Institute. Collected July 31, 1980. Inner Mongolia. Chromosome no.(2n)= 42. Cultivated. Seed.

499422. D-2537. China, Peoples Repub of. Huhehot, Inner Mongolia. Animal Husbandry Institute. Collected July 31, 1980. Inner Mongolia. Chromosome no.(2n)= 42. Cultivated. Seed.

499423. D-2547. China, Peoples Repub of. Huhehot, Inner Mongolia.

499416 TO 499446-continued

College of Agr. and Animal Husbandry. Collected August 01, 1980. Inner Mongolia. Plants very robust, to 180cm tall. Chromosome no.(2n)= 42. Cultivated. Seed.

499424. D-2569. China, Peoples Repub of. Collected August 04, 1980. Along ditch, Vegetable-Cereal Res. Inst., Gansu Bureau of Agr., Lanzhou. 1500m. Spikes slender. Chromosome no.(2n)= 42. Wild. Seed.

499425. D-2572. China, Peoples Repub of. Collected August 04, 1980. Along ditch, Vegetable-Cereal Res. Inst., Gansu Bureau of Agr., Lanzhou. 1500m. Plants late maturing. Chromosome no.(2n)= 42. Wild. Seed.

499426. D-2576. China, Peoples Repub of. Collected August 04, 1980. Road median in front of Friendship Hotel, Lanzhou. Plants smaller with more slender spikes than usual. Chromosome no.(2n)= 42. Cultivated. Seed.

499427. D-2584. China, Peoples Repub of. Collected August 05, 1980. Alpine meadow, Qilien Mountains, 500km NW of Lanzhou. 4300m. Sample from sod-transplant garden, Lanzhou Univ., Lanzhou. Spikes dense, unilateral. Spikelets double. Glumes large. Chromosome no. (2n)=42. Wild. Seed.

499428. D-2591. China, Peoples Repub of. Collected August 05, 1980. Alpine meadow, Qilien Mountains, 500km NW of Lanzhou. Sample from sod-transplant garden, Lanzhou Univ., Lanzhou. Plants to 100cm tall. Spikes dense. Glumes large. Chaff bronze. Chromosome no.(2n)= 42. Wild. Seed.

499429. D-2592. China, Peoples Repub of. Collected August 05, 1980. Alpine meadow, Qilien Mountains, 500km NW of Lanzhou. Sample from sod-transplant garden, Lanzhou Univ., Lanzhou. Plants to 70cm, similar to PI 499428. Chaff bronze. Chromosome no.(2n)= 42. Wild. Seed.

499430. D-2596. China, Peoples Repub of. Collected August 06, 1980. Alpine meadow, Qilien Mountains, 500km NW of Lanzhou. Sample from sod-transplant garden, Lanzhou Univ., Lanzhou. Plants to 130cm tall. Spikes erect. Awns slender, short. Chromosome no.(2n)= 42. Wild. Seed.

499431. D-2599. China, Peoples Repub of. Collected August 06, 1980. White Tower Park at north outskirts of Lanzhou, Gansu Prov. 1700m. Plants typical. Chromosome no.(2n)= 42. Wild. Seed.

499432. D-2602. China, Peoples Repub of. Collected August 07, 1980. Mileage marker 13km on road from Lanzhou to Yellow River Dam, Gansu Prov. 1940m. Plants caespitose, self-fertile. Spikes less dense than typical. Chromosome no. (2n= 42. Wild. Seed.

499433. D-2603. China, Peoples Repub of. Collected August 07, 1980. Mileage marker 17km on road from Lanzhou to Yellow River Dam, Gansu Prov. 2100m. Plants typical. Chromosome no. (2n) = 42. Wild. Seed.

499434. D-2609. China, Peoples Repub of. Collected August 07, 1980. Yellow River Dam, about 60km SW of Lanzhou. 1650m. Plants typical. Chromosome no. (2n) = 42. Wild. Seed.

499435. D-2616. China, Peoples Repub of. Collected August 07, 1980. Mileage marker 18km on road from Lanzhou to Yellow River Dam. 2200m. Spikes larger and courser than typical. Chromosome no. (2n) = 42. Wild. Seed.

499436. D-2623. China, Peoples Repub of. Collected August 08, 1980. Near guest house, Stone River State Farm about 150km W of Urumchi. 500m. Spikes semi-dense. Chromosome no. (2n) = 42. Wild. Seed.

499437. D-2626. China, Peoples Repub of. Collected August 08, 1980. Near guest house, Stone River State Farm about 150km W of Urumchi. 500m. Plants to 90cm tall. Spikes very narrow. Awns spreading, to 1.5cm. Chromosome no. (2n) = 42. Wild. Seed.

499438. D-2628. China, Peoples Repub of. Collected August 09, 1980. General Farm No. 145, Stone River City, about 150km W of Urumchi. 400m. Plants typical. Chromosome no. (2n) = 42. Wild. Seed.

499439. D-2630. China, Peoples Repub of. Collected August 09, 1980. General Farm No. 145, Stone River City, about 150km W of Urumchi. 400m. Plants on a wet native grass pasture. Spikes purple. Chomosome no. (2n) = 42. Wild. Seed.

499440. D-2636. China, Peoples Repub of. Collected August 09, 1980. In a tree planting, 104km W of Urumchi toward Stone River. 530m. Plants robust, to 150cm tall. Chromosome no. (2n) = 42. Wild. Seed.

499441. D-2647. China, Peoples Repub of. Collected August 10, 1980. Cultivated valley bottom, about 80km SE of Urumchi toward Turfan. 1050m. Spikes purple. Chromosome no. (2n) = 42. Wild. Seed.

499442. D-2659. China, Peoples Repub of. Collected August 12, 1980. Open grassland, South Mountain Grassland, 60km S of Urumchi. 2100m. Plants caespitose, shorter than typical, self-fertile. Spikes short. Chromosome no. (2n) = 42. Wild. Seed.

499443. D-2681. China, Peoples Repub of. Collected August 13, 1980. Near shore, Lake Tien, about 100km E of Urumchi. 1850m. Plants and spikes very robust. Chromosome no.(2n)= 42. Wild. Seed.

499444. D-2690. China, Peoples Repub of. Collected August 14, 1980. Guest house compound, outskirts of Urumchi. Spikes curved, straw-colored. Awns to 1.0cm. Chromosome no.(2n)= 42. Wild. Seed.

499445. D-2692. China, Peoples Repub of. Collected August 14, 1980. Guest house compound, outskirts of Urumchi. Plants self-fertile. Spikes arched. Awns less than 1.0cm. Chromosome no.(2n)= 42. Wild. Seed.

499446. D-2693. China, Peoples Repub of. Collected August 14, 1980. Guest house compound, outskirts of Urumchi. Plants and spikes robust. Wild. Seed.

499447 TO 499448. Elymus gmelinii (Ledeb.) Tzvel. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China.
Received July 1984.

499447. D-2660. China, Peoples Repub of. Collected August 12, 1980. Open grassland, South Mountain Grassland, 60km S of Urumchi. 2100m. Plants self-fertile. Spikes dark purple or reddish. Awns curved to 3cm. Spikelets distant. Chromosome no.(2n)= 28. Wild. Seed.

499448. D-2670. China, Peoples Repub of. Sinjiang. Sinjiang Grassland Institute. Collected August 12, 1980. Sinjiang area. 200m. Plants to 150cm, caespitose. Spikes reddish-purple. Cultivated. Seed.

499449. Elymus mutabilis (Drobov) Tzvelev (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China.
Received July 1984.

D-2684. China, Peoples Repub of. Collected August 14, 1980. South-facing hillside, Tien Lake, about 100km E of Urumchi. 1850m. Plants to 140cm tall. Spikes unilateral. Spikes mostly double, some single. Chromosome no.(2n)=

499449-continued
28. Wild. Seed.

499450 TO 499451. Elymus nutans Griseb. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499450. D-2543. China, Peoples Repub of. Huhehot, Inner Mongolia. College of Agr. and Animal Husbandry. Collected August 01, 1980. Inner Mongolia. Plants different than those observed previously. Spikes very slender, pendulous. Chromosome no. (2n) = 42. Cultivated. Seed.

499451. D-2619. China, Peoples Repub of. Collected August 07, 1980. Near Friendship Hotel, Lanzhou. Plants typical. Chromosome no. (2n) = 42 Chromosome no. (2n) = 42. Wild. Seed.

499452. Elymus semicostatus subsp. scabridulus (Ohwi) A. Love (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2601. China, Peoples Repub of. Mileage marker 13 on road from Lanzhou to Yellow River Dam. 1940m. Plants to 70cm. Spikes slender. Awns to 1.5cm. Chromosome no. (2n) = 28. Received as Elymus sinicus. Wild. Seed.

499453 TO 499468. Elymus sibiricus L. (Poaceae) Wildrye.

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499453. D-2514. China, Peoples Repub of. Collected July 29, 1980. Ditch bank, Grassland Institute, Xilinhot, Inner Mongolia. Plant 125cm tall, caespitose. Spikes drooping. Chromosome no. (2n) = 28. Wild. Seed.

499454. D-2515. China, Peoples Repub of. Collected July 29, 1980. Ditch bank, Grassland Institute, Xilinhot, Inner Mongolia. Plant 115cm tall, caespitose. Spikes purplish, pendulous.

499453 TO 499468-continued
Chromosome no.(2n)= 28. Wild. Seed.

499455. D-2524. China, Peoples Repub of. Collected July 30, 1980. Inside temple court yard, Jilin R. Livestock Commune, 100km NE of Xilinhot. 1000m. Plants typical. Chromosome no.(2n)= 28. Wild. Seed.

499456. D-2533. China, Peoples Repub of. Huhehot, Inner Mongolia. Animal Husbandry Institute. Collected July 31, 1980. Shandan, Gransu Prov. Field plots. Chromosome no.(2n)=28. Cultivated. Seed.

499457. D-2534. China, Peoples Repub of. Huhehot, Inner Mongolia. Animal Husbandry Institute. Collected July 31, 1980. Inner Mongolia. Chromosome no.(2n)= 28. Cultivated. Seed.

499458. D-2546. China, Peoples Repub of. Huhehot, Inner Mongolia. College of Agr. and Husbandry. Collected August 01, 1980. Shandan, Gansu Prov. Plants typical. Chromosome no.(2n)= 28. Cultivated. Seed.

499459. D-2556. China, Peoples Repub of. Xilinhot, Inner Mongolia. Grassland Research Institute. Collected July 31, 1980. Chromosome no.(2n)= 28. Cultivated. Seed.

499460. D-2577. China, Peoples Repub of. Collected August 05, 1980. Grounds of the University of Lanzhou. Plants typical. Chromosome no.(2n)= 28. Cultivated. Seed.

499461. D-2580. China, Peoples Repub of. Collected August 05, 1980. Alpine meadow, Qilien Mts., 500km NW of Lanzhou. 4300m. Sample from sod transplant garden at Lanzhou University. Chromosome no.(2n)= 28. Wild. Seed.

499462. D-2642. China, Peoples Repub of. Collected August 10, 1980. Along irrigation ditch, 40km SE of Urumchi on road to Turfan. 1050m. Plants caespitose. Spikes pendulous. Awns to 2cm. Chromosome no.(2n)= 28. Wild. Seed.

499463. D-2661. China, Peoples Repub of. Collected August 12, 1980. Open grassland, South Mountain Grassland, 60km S of Urumchi. 2100m. Spikes purple, pendulous. Spikelets single and double. Chromosome no.(2n)= 28. Wild. Seed.

499464. D-2669. China, Peoples Repub of. Sinjiang. Sinjiang Grassland Institute. Collected August 12, 1980. Sinjiang, South Mountain Grassland. 200m. Species test. Plants to 150cm. Spikes large, drooping, purple. Chromosome no.(2n)= 28. Wild. Seed.

499465. D-2678. China, Peoples Repub of. Urumchi. "First August" Agriculture College. Collected August 13, 1980. Plants to 120cm tall. Awns to 2cm. Native to China. Cultivated.

499453 TO 499468-continued
Seed.

499466. D-2683. China, Peoples Repub of. Collected August 14, 1980. Rugged hills adjacent to Tien Lake, about 100km E of Urumchi, Xinjiang. 1850m. Plants robust to 130cm tall. Chromosome no.(2n)= 28. Wild. Seed.

499467. D-2685. China, Peoples Repub of. Collected August 14, 1980. Near a stream, rugged hills adjacent to Tien Lake, about 100km E of Urumchi. 1770m. Spikes pendulous, purple. Chromosome no.(2n)= 28. Wild. Seed.

499468. D-2691. China, Peoples Repub of. Collected August 14, 1980. In guest house compound, outskirts of Urumchi. 1770m. Plants typical. Chromosome no.(2n)= 28. Cultivated. Seed.

499469 TO 499475. Elymus sp. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499469. D-2548. China, Peoples Repub of. Huhehot, Inner Mongolia. College of Agr. and Animal Husbandry. Collected August 01, 1980. Qinghai Prov. Plants bunch type to 90cm tall. Cultivated. Seed.

499470. D-2567. China, Peoples Repub of. Collected August 03, 1980. Steep slope near pagoda, "5-springs mountain", S outskirts of Lanzhou. 1600m. Plants caespitose. Spikes slender, arched. Chromosome no.(2n)= 42. Wild. Seed.

499471. D-2586. China, Peoples Repub of. Collected August 05, 1980. Alpine meadow, Qilien Mts., 500km NW of Lanzhou. 4300m. Sample from sod transplant garden, Lanzhou Univ. Plants to 30cm. Spikes pendulous. Spikelets distant. Awns to 2cm. Wild. Seed.

499472. D-2593. China, Peoples Repub of. Collected August 06, 1980. Alpine meadow, Qilien Mts., 500km NW of Lanzhou. 4300m. Plants similar to A. spicatum. Spikes slender, erect. Spikelets distant, awned. Chromosome no.(2n)= 28. Wild. Seed.

499473. D-2595. China, Peoples Repub of. Collected August 06, 1980. Alpine meadow, Qilien Mts., 500km NW of Lanzhou. 4300m. Sample from sod transplant garden, Lanzhou Univ. Spikes pendulous. Spikelets di stant. Awns to 5cm. Wild. Seed.

499469 TO 499475-continued

499474. D-2606. China, Peoples Repub of. Collected August 07, 1980. Near mileage marker 23 on road from Lanzhou to Yellow River Dam, Gansu Prov. 2350m. Plants self-fertile. Spikes purple, semi-dense. Awns present. Chromosome no.(2n)= 28. Wild. Seed.

499475. D-2664. China, Peoples Repub of. Collected August 12, 1980. South slope, South Mountain Grassland, 60km S of Urumchi. 2000m. Spikes dense, mucronate. Glumes large. Wild. Seed.

499476 TO 499478. Elymus strictus (Keng) A. Love (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China.
Received July 1984.

499476. D-2604. China, Peoples Repub of. Collected August 07, 1980. Mileage marker 17 on road from Lanzhou to Yellow River Dam, Gansu Prov. 2100m. Plants caespitose. Spikes slender. Spikelets distant. Chromosome no.(2n)= 28. Wild. Seed.

499477. D-2612. China, Peoples Repub of. Collected August 07, 1980. Mileage marker 24 on road from Lanzhou to Yellow River Dam, Gansu Prov. 2300m. Spikes purple, erect, slender, awned. Chromosome no.(2n)= 28. Wild. Seed.

499478. D-2615. China, Peoples Repub of. Collected August 07, 1980. Mileage marker 18 on road from Lanzhou to Yellow River Dam, Gansu Prov. 2200m. Spikes purple, slender, awned. Chromosome no.(2n)= 28. Wild. Seed.

499479 TO 499480. Elymus submuticus (Keng) A. Love (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China.
Received July 1984.

499479. D-2582. China, Peoples Repub of. Collected August 05, 1980. Alpine meadow, Qilien Mts., 500km NW of Lanzhou. 4300m. Sample from sod transplant garden, Lanzhou Univ. Plants similar to E. sibiricus but with mixed single and double spikelets. Chromosome no.(2n)= 42. Wild. Seed.

499480. D-2594. China, Peoples Repub of. Collected August 06,

499479 TO 499480-continued

1980. Alpine meadow, Qilien Mts., 500km NW of Lanzhou. 4300m. Sample from sod transplant garden, Lanzhou Univ. Plants similar to E. sibiricus but without awns. Chromosome no. (2n) = 42. Wild. Seed.

499481. Elymus tschimganicus (Drobov) Tzvelev (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2663. China, Peoples Repub of. Collected August 12, 1980. South slope, South Mountain Grassland, 60km S of Urumchi, Inner Mongolia. 2000m. Plants caespitose. Spikes drooping. Awns recurved. Glumes small. Chromosome no. (2n) = 42. Wild. Seed.

499482 TO 499486. Elymus tsukushiensis Honda (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499482. D-2502. Japan. Collected July 24, 1980. Roadside near Narita International Hotel, Narita. Plants 60-75cm tall. Spikes arched, awned. Chromosome no. (2n) = 42. Wild. Seed.

499483. D-2568. China, Peoples Repub of. Collected August 04, 1980. Along ditch, Vegetable Research Institute, Gansu Bureau of Agr., Lanzhou. 1500m. Plants caespitose. Spikes arched. Awns to 2cm. Chromosome no. (2n) = 42. Wild. Seed.

499484. D-2571. China, Peoples Repub of. Collected August 04, 1980. Along ditch, Vegetable Research Institute, Gansu Bureau of Agr., Lanzhou. 1500m. Chromosome no. (2n) = 42. Wild. Seed.

499485. D-2578. China, Peoples Repub of. Collected August 05, 1980. Grounds of the University of Lanzhou, Lanzhou. Plants caespitose, self-fertile. Spikes arched, awned. Chromosome no. (2n) = 42. Cultivated. Seed.

499486. D-2706. China, Peoples Repub of. Collected August 20, 1980. Near Nanjing Botanical Institute, Nanjing. Plants to 1 m. Awns to 3cm. Chromosome no. (2n) = 42. Wild. Seed.

499487 TO 499492. Elytrigia repens (L.) Nevski (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499487. D-2624. China, Peoples Repub of. Collected August 08, 1980. Near guest house at Stone River State Farm, about 150km W of Urumchi. 500m. Plants rhizomatous. Spikes very small. Chromosome no. (2n) = 42. Wild. Seed.

499488. D-2634. China, Peoples Repub of. Collected August 09, 1980. In a tree planting, 104km W of Urumchi toward Stone River. 530m. Plants rhizomatous. Spikes slender. Chromosome no. (2n) = 42. Wild. Seed.

499489. D-2643. China, Peoples Repub of. Collected August 10, 1980. Cultivated valley bottom, about 80km SE of Urumchi toward Turfan. 1050m. Plants rhizomatous. Spikes slender. Glumes large. Chromosome no. (2n) = 42. Wild. Seed.

499490. D-2651. China, Peoples Repub of. Collected August 11, 1980. Roadside about 85km SE of Urumchi toward Turfan. 1050m. Plants to 75cm, rhizomatous. Spikes small. Chromosome no. (2n) = 42. Wild. Seed.

499491. D-2698. China, Peoples Repub of. Collected August 14, 1980. In guest house compound, outskirts of Urumchi. Plants rhizomatous. Leaves narrow. Spikes small. Chromosome no. (2n) = 42. Wild. Seed.

499492. D-2699. China, Peoples Repub of. Collected August 14, 1980. In guest house compound, outskirts of Urumchi. Plants rhizomatous. Spikes small, very fertile. Chromosome no. (2n) = 42. Wild. Seed.

499493. Elytrigia strigosa (M. Bieb.) Nevski (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2680. China, Peoples Repub of. Collected August 14, 1980. South-facing hillside, Tien Lake, about 100km E of Urumchi. 1850m. Plants cross pollinated. Received as Pseudoroegneria aegilopoides. Chromosome no. (2n) = 14. Wild. Seed.

499494. Festuca arundinacea Schreb. (Poaceae) Tall fescue.

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2672. China, Peoples Repub of. Sinjiang. Sinjiang Grassland Institute. Collected August 12, 1980. South Mountain Grassland, Sinjiang. 200m. Plants typical. Cultivated. Seed.

499495. Festuca cf. arundinacea Schreb. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2633. China, Peoples Repub of. Collected August 09, 1980. General Farm No. 145, Stone River City, about 150km W of Urumchi. 400m. Wet native pasture. Plants rare. Wild. Seed.

499496 TO 499497. Hedysarum sp. (Fabaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499496. D-2605. China, Peoples Repub of. Collected August 07, 1980. Mileage marker 17km on road from Lanzhou to Yellow River Dam. 2100m. Plants semi-woody perennial, to 30cm tall, abundant. Wild. Seed.

499497. D-2617. China, Peoples Repub of. Collected August 07, 1980. Mileage marker 18km on road from Lanzhou to Yellow River Dam. 2200m. Plants woody perennial, abundant. Wild. Seed.

499498 TO 499501. Hordeum bogdanii Wilensky (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499498 TO 499501-continued

499498. D-2559. China, Peoples Repub of. Xilinhot, Inner Mongolia. Grassland Research Institute. Collected July 31, 1980. Chromosome no.(2n)= 14. Cultivated. Seed.

499499. D-2570. China, Peoples Repub of. Collected August 04, 1980. Along ditch, Vegetable Research Institute, Gansu Bureau of Agr., Lanzhou. 1500m. Plants typical. Chromosome no.(2n)= 14. Cultivated. Seed.

499500. D-2631. China, Peoples Repub of. Collected August 09, 1980. General Farm No. 145 of Stone River City, about 150km W of Urumchi. 400m. Wet native pasture. Plants typical. Chromosome no.(2n)= 14. Wild. Seed.

499501. D-2640. China, Peoples Repub of. Collected August 10, 1980. Along an irrigation ditch, about 40km SE of Urumchi on road to Turfan. 1050m. Plants typical. Chromosome no.(2n)= 14. Wild. Seed.

499502 TO 499503. Hordeum brevisubulatum (Trin.) Link (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499502. D-2549. China, Peoples Repub of. Huhehot, Inner Mongolia. College of Agr. and Animal Husbandry. Collected August 01, 1980. Plants to 80cm. Spikes slender, glaucous. Received as Critesion brevisubulatum. Chromosome no.(2n)= 14. Cultivated. Seed.

499503. D-2560. China, Peoples Repub of. Xilinhot, Inner Mongolia. Grassland Research Institute. Collected July 31, 1980. Received as Critesion brevisubulatum. Chromosome no.(2n)= 14. Cultivated. Seed.

499504. Hordeum roshevitzii Bowden (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2575. China, Peoples Repub of. Collected August 04, 1980. Road median, front of Friendship Hotel, Lanzhou. Spikes smaller and more slender than usual. Chromosome no.(2n)= 14. Cultivated. Seed.

499505. Leymus alaicus (Korsh.) Tzvelev (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2687. China, Peoples Repub of. Collected August 14, 1980. Dry hillside among shrubs, Tien Lake, about 100km E of Urumchi. 1740m. Plants to 125cm tall. Glumes very large, purple. Received as Elymus cf. ugamicus. Chromosome no.(2n)= 28. Wild. Seed.

499506 TO 499513. Leymus angustus (Trin.) Pilger (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499506. D-2632. China, Peoples Repub of. Collected August 09, 1980. General Farm No. 145, Stone River City, about 150km W of Urumchi. 400m. Wet saline native pasture. Plants to 150cm. Spikes slender. Used for brooms, mats, and paper. Chromosome no.(2n)= 84. Wild. Seed.

499507. D-2637. China, Peoples Repub of. Collected August 10, 1980. About 40km SE of Urumchi on the road to Turfan, Inner Mongolia. 1050m. Soil heavy, poorly drained. Plant population large. Spikes narrow. Chromosome no.(2n)= 84. Wild. Seed.

499508. D-2638. China, Peoples Repub of. Collected August 10, 1980. About 40km SE of Urumchi on the road to Turfan, Inner Mongolia. 1050m. Isolated population on top of a knoll. Plants more robust than average. Chromosome no.(2n)= 84. Wild. Seed.

499509. D-2639. China, Peoples Repub of. Collected August 10, 1980. Along railroad track, about 40km SE of Urumchi on the road to Turfan. 1050m. Chromosome no.(2n)= 84. Wild. Seed.

499510. D-2648. China, Peoples Repub of. Collected August 10, 1980. Cultivated valley bottom, 80km SE of Urumchi toward Turfan. 1050m. Spikes narrow. Chromosome no.(2n)= 84. Wild. Seed.

499511. D-2652. China, Peoples Repub of. Collected August 11, 1980. Shore of a salt lake, about 85km from Urumchi toward Turfan. Plants typical. Wild. Seed.

499506 TO 499513-continued

499512. D-2654. China, Peoples Repub of. Collected August 12, 1980. Dry hillside, 12km S of Urumchi on road to South Mtn. Livestock grassland. 1200m. Plants typical. Chromosome no.(2n)= 84. Wild. Seed.

499513. D-2696. China, Peoples Repub of. Collected August 14, 1980. Dry sandy area, guest house compound on the outskirts of Urumchi. Plants typical. Chromosome no.(2n)= 84. Wild. Seed.

499514 TO 499519. Leymus chinensis (Trin.) Tzvelev (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499514. D-2517. China, Peoples Repub of. Collected July 30, 1980. On road to livestock commune, 7km NE of Xilinhot, Inner Mongolia. Dominant grass in native prairie. Plants 60cm tall, rhizomatous. Spikes slender. Spikelets single. Chromosome no.(2n)= 28. Wild. Seed.

499515. D-2523. China, Peoples Repub of. Collected July 30, 1980. On road to livestock commune, 42km NE of Xilinhot, Inner Mongolia. 1000m. Plants 60cm tall, rhizomatous, abundant. Spikes narrow. Spikelets single. Chromosome no.(2n)= 28. Wild. Seed.

499516. D-2525. China, Peoples Repub of. Collected July 30, 1980. Inside temple court yard, Jilin R. Livestock Commune, 100km NE of Xilinhot. 1000m. Plants 125cm tall, rhizomatous. Spikes dense. Chromosome no.(2n)= 28. Wild. Seed.

499517. D-2540. China, Peoples Repub of. Huhehot, Mongolia. Animal Husbandry Institute. Collected July 31, 1980. Inner Mongolia. Field plots. Plants very robust, 150cm tall. Chromosome no.(2n)= 28. Cultivated. Seed.

499518. D-2541. China, Peoples Repub of. Huhehot, Inner Mongolia. Animal Husbandry Institute. Collected July 31, 1980. Inner Mongolia. Field plots. Chromosome no.(2n)= 28. Cultivated. Seed.

499519. D-2558. China, Peoples Repub of. Xilinhot, Inner Mongolia. Grassland Research Institute. Collected July 31, 1980. Chromosome no.(2n)= 28. Cultivated. Seed.

499520 TO 499521. Leymus multicaulis (Karelin & Kir.) Tzvelev (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China.
Received July 1984.

499520. D-2674. China, Peoples Repub of. Collected August 13, 1980. Red Flag Vegetable Commune, outskirts of Urumchi. Plants rhizomatous. Leaves green, wide. Spikes bronze. Chromosome no.(2n)= 28. Wild. Seed.

499521. D-2694. China, Peoples Repub of. Collected August 14, 1980. Guest house compound, outskirts of Urumchi. Plants rhizomatous. Culms and spikes bronze. Chromosome no.(2n)= 28. Wild. Seed.

499522. Leymus ramosus (Trin.) Tzvelev (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China.
Received July 1984.

D-2695. China, Peoples Repub of. Guest house compound, outskirts of Urumchi. Plants rhizomatous. Wild. Seed.

499523 TO 499536. Leymus secalinus (Georgi) Tzvelev (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China.
Received July 1984.

499523. D-2510. China, Peoples Repub of. Collected July 29, 1980. Edge of cabbage field, vegetable commune, Xilinhot, Inner Mongolia. 900m. Plants with strong rhizomes. Chromosome no.(2n)= 28. Wild. Seed.

499524. D-2511. China, Peoples Repub of. Collected July 29, 1980. Ditchbank, vegetable commune, Xilinhot, Inner Mongolia. 900m. Plants large to 125cm tall, rhizomatous. Chromosome no.(2n)= 28. Wild. Seed.

499525. D-2512. China, Peoples Repub of. Collected July 29, 1980. Ditchbank, vegetable commune, Xilinhot, Inner Mongolia. 900m. Plants 100cm tall, rhizomatous. Spikes purplish. Chromosome no.(2n)= 28. Wild. Seed.

499523 TO 499536-continued

499526. D-2529. China, Peoples Repub of. Collected July 30, 1980. On road to livestock commune, 62km NE of Xilinhot, Inner Mongolia. 1010m. Plants 100cm tall, rhizomatous. Leaves blue. Spikes dense. Chromosome no. (2n)= 28. Wild. Seed.

499527. D-2563. China, Peoples Repub of. Collected August 03, 1980. Steep slope, "5-Springs Mountain", S outskirts of Lanzhou. 1650m. Plant typical, strong rhizomes. Chromosome no. (2n)= 28. Wild. Seed.

499528. D-2564. China, Peoples Repub of. Collected August 03, 1980. Steep slope, "5-Springs Mountain", S outskirts of Lanzhou. 1650m. Chaff bronze. Chromosome no. (2n)= 28. Wild. Seed.

499529. D-2566. China, Peoples Repub of. Collected August 03, 1980. Steep slope, "5-Springs Mountain", S outskirts of Lanzhou. 1750m. Plants tall, to 130cm. Chromosome no. (2n)= 28. Wild. Seed.

499530. D-2573. China, Peoples Repub of. Collected August 04, 1980. Along ditch at Vegetable Research Institute, Ganus Bureau of Agr., Lanzhou. 1500m. Plants with strong rhizomes. Leaves blue. Chromosome no. (2n)= 28. Wild. Seed.

499531. D-2579. China, Peoples Repub of. Collected August 05, 1980. Weed on the grounds of Univ. of Lanzhou, Lanzhou. Plants typical. Chromosome no. (2n)= 28. Wild. Seed.

499532. D-2607. China, Peoples Repub of. Collected August 07, 1980. Near mileage marker 23 on road from Lanzhou to Yellow River Dam, Gansu Prov. 2350m. Plants typical with good seed set, may be self-fertile. Chromosome no. (2n)= 28. Wild. Seed.

499533. D-2613. China, Peoples Repub of. Collected August 07, 1980. Near mileage marker 23 on road from Lanzhou to Yellow River Dam, Gansu Prov. 2300m. Plants typical, appear to be self-fertile. Chromosome no. (2n)= 28. Wild. Seed.

499534. D-2646. China, Peoples Repub of. Collected August 10, 1980. Cultivated valley bottom, about 80km SE of Urumchi toward Turfan. 1050m. Plants with strong rhizomes. Spikes bronze. Chromosome no. (2n)= 28. Wild. Seed.

499535. D-2649. China, Peoples Repub of. Collected August 11, 1980. Roadside, about 85km SE of Urumchi toward Turfan. 1050m. Plants rhizomatous. Spikes large, brown. Wild. Seed.

499536. D-2653. China, Peoples Repub of. Collected August 11,

499523 TO 499536-continued

1980. Saline site, shores of salt lake about 85km from Urumchi toward Turfan. Plants with strong rhizomes. Spikes brown. Salt tolerant. Chromosome no.(2n)= 28. Wild. Seed.

499537. Lotus sp. (Fabaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2635. China, Peoples Repub of. Collected August 09, 1980. In a tree planting, 104km W of Urumchi toward Stone River. 530m. Plants rare, may have been planted. Seed.

499538 TO 499539. Medicago hybrid (Fabaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499538. D-2550. China, Peoples Repub of. Huhehot, Inner Mongolia. College of Agr. and Animal Husbandry. M. sativa/M. sativa subsp. falcata. Collected August 01, 1980. Experimental plots, originally from western Inner Mongolia. Plants yellow-flowered derivatives in F6 or F7 generation. Used to breed for cold hardiness. Breeding Material. Seed.

499539. D-2551. China, Peoples Repub of. Huhehot, Inner Mongolia. College of Agr. and Animal Husbandry. M. sativa/M. sativa subsp. falcata. Collected August 01, 1980. Experimental plots, originally from western Inner Mongolia. Plants purple-flowered derivatives in F6 or F7 generation. Breeding Material. Seed.

499540 TO 499547. Medicago sativa L. (Fabaceae) Alfalfa.

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499540. D-2538. China, Peoples Repub of. Huhehot, Inner Mongolia. Animal Husbandry Institute. Collected July 31, 1980. Jilin Province. Cultivated. Seed.

499540 TO 499547-continued

499541. D-2611. China, Peoples Repub of. Collected August 07, 1980. Near Yellow River Dam, about 60km SW of Lanzhou. Plants in Cannabis. Flowers purple. Cultivated. Seed.

499542. D-2625. China, Peoples Repub of. Collected August 08, 1980. Near guest house, Stone River State Farm about 150km W of Urumchi. Flowers purple. Wild. Seed.

499543. D-2645. China, Peoples Repub of. Collected August 10, 1980. Valley bottom, about 80km SE of Urumchi towards Turfan. Flowers purple. Wild. Seed.

499544. D-2675. China, Peoples Repub of. Urumchi. First August Agr. College. Collected August 13, 1980. Experimental plots. Flowers purple. Originated in China. Cultivated. Seed.

499545. D-2679. China, Peoples Repub of. Urumchi. First August Agr. College. Collected August 13, 1980. Bulk of several experimental plots. Flowers purple. Cultivated. Seed.

499546. D-2702. China, Peoples Repub of. Collected August 14, 1980. Guest house compound, outskirts of Urumchi. Flowers purple. Wild. Seed.

499547. D-2707. China, Peoples Repub of. Collected August 20, 1980. Stone River City General Farm. Cultivated. Seed.

499548 TO 499550. Medicago sativa subsp. falcata (L.) Arc. (Fabaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499548. D-2526. China, Peoples Repub of. Collected July 30, 1980. Inside Temple courtyard, Jilin R. Livestock Commune, 100km NE of Xilinhot. 1000m. Plants typical. Flowers yellow. Received as M. falcata. Wild. Seed.

499549. D-2539. China, Peoples Repub of. Huhehot, Inner Mongolia. Animal Husbandry Institute. Collected July 31, 1980. Inner Mongolia. Received as M. falcata. Cultivated. Seed.

499550. D-2688. China, Peoples Repub of. Collected August 14, 1980. Dry hillside among shrubs, Tien Lake about 100km E of Urumchi. Flowers yellow. Received as M. falcata. Wild. Seed.

499551. Melilotus alba Medik. (Fabaceae) White sweetclover.

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2627. China, Peoples Repub of. Collected August 08, 1980. Near guest house at Stone River State Farm, about 150km W of Urumchi. 500m. Flowers white. Wild. Seed.

499552 TO 499553. Melilotus officinalis Lam. (Fabaceae) Yellow sweetclover.

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499552. D-2610. China, Peoples Repub of. Collected August 07, 1980. Yellow River Dam about 60km SW of Lanzhou. Plants yellow and white-flowered. Wild. Seed.

499553. D-2705. China, Peoples Repub of. Collected August 14, 1980. Guest house compound, outskirts of Urumchi. May contain both yellow and white-flowered types. Cultivated. Seed.

499554. Onobrychis sp. (Fabaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2666. China, Peoples Repub of. Collected August 12, 1980. South-facing slope, South Mtn. Grassland, 60km S of Urumchi, Inner Mongolia. 2000m. Wild. Seed.

499555 TO 499557. Poa pratensis L. (Poaceae) Kentucky bluegrass.

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499555. D-2587. China, Peoples Repub of. Collected August 05,

499555 TO 499557-continued

1980. Alpine meadow, Qilien Mts., 500km NW of Lanzhou. 4300m. Sample from sod-transplant garden, Lanzhou Univ., Lanzhou. Plants typical. Wild. Seed.

499556. D-2682. China, Peoples Repub of. Collected August 14, 1980. Tien Lake, about 100km E of Urumchi. 1850m. Plants to 75cm tall. Wild. Seed.

499557. D-2700. China, Peoples Repub of. Collected August 14, 1980. Guest house compound, outskirts of Urumchi. Plants typical. Wild. Seed.

499558 TO 499559. Psathyrostachys juncea (Fisch.) Nevski (Poaceae) Russian wildrye.

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499558. D-2668. China, Peoples Repub of. Sinjiang. Sinjiang Grassland Institute. Collected August 12, 1980. Sinjiang area. 200m. Cultivated. Seed.

499559. D-2697. China, Peoples Repub of. Collected August 14, 1980. Sandy site, guest house compound, outskirts of Urumchi. Plants typical. Sample bulk of many plants. Wild. Seed.

499560. Psathyrostachys sp. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2562. Collected August 03, 1980. Lower part of steep slope, "5-springs mountain", S outskirts of Lanzhou. 1550-1700m. Plants in clumps to 80cm tall, early maturing. Spikelets multiple per node. Rachis fragile. Wild. Seed.

499561. Trifolium fragiferum L. (Fabaceae) Strawberry clover.

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

499561-continued

D-2620. China, Peoples Repub of. Collected August 08, 1980. Wet area along road to Stone River City, about 15km W of Urumchi. Plants typical. Wild. Seed.

499562. Trifolium lupinaster L. (Fabaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2545. China, Peoples Repub of. Huhehot. College of Agr. and Animal Husbandry. Collected August 01, 1980. Inner Mongolia. Only Trifolium that will survive winters at Huhehot. Perennial Herb. Cultivated. Seed.

499563. Trifolium repens L. (Fabaceae) White clover.

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2658. Collected August 12, 1980. North slope of South Mtn. Grassland, 60km S of Urumchi, Xinjiang. 2070-2100m. Plants typical, abundant. Wild. Seed.

499564. Trifolium sp. (Fabaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Crops Research Laboratory, USDA-ARS, Utah State University; Logan, Utah, USA. Received through the 1980 U.S. Plant Germplasm Team to Peoples Republic of China. Received July 1984.

D-2676. China, Peoples Repub of. Urumchi. "First August", Agr. College. Collected August 13, 1980. Experimental plots, flowers red. Inflorescence elongated. Cultivated. Seed.

499565 TO 499568. Agropyron cristatum (L.) Gaertn. (Poaceae) Fairway crested wheatgrass.

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA;

499565 TO 499568-continued
Winnipeg, Manitoba, Canada.
Received February 1985.

499565. DT-3179. China, Peoples Repub of. Collected August 10, 1983. South Mountain, about 65km SW of Urumqi, Xinjiang. 2050m. Wild. Seed.

499566. DT-3195. China, Peoples Repub of. Collected August 11, 1983. South Mountain, about 70km SW of Urumqi, Xinjiang. 2000-2050m. Spikes dense, pubescent. Wild. Seed.

499567. DT-3199. China, Peoples Repub of. Collected August 11, 1983. South Mountain, about 70km SW of Urumqi, Xinjiang. 2000-2050m. Plants glabrous. Wild. Seed.

499568. DT-3202. China, Peoples Repub of. Collected August 11, 1983. South Mountain, about 70km SW of Urumqi, Xinjiang. 2000-2050m. Wild. Seed.

499569 TO 499570. Astragalus alpinus L. (Fabaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499569. DT-3134. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Pods drooping. Wild. Seed.

499570. DT-3169. China, Peoples Repub of. Collected August 10, 1983. Gang-gou Grassland Station, South Mountain, about 60km SW of Urumqi. 1850m. Pods drooping, brown. Wild. Seed.

499571 TO 499576. Astragalus tibetanus Benth. ex Bunge (Fabaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499571. DT-3057. China, Peoples Repub of. Collected August 06, 1983. Inside the Yien-an Hotel compound, S suburbs of Urumqi, Xinjiang. 1000m. Wild. Seed.

499572. DT-3098. China, Peoples Repub of. Collected August 08, 1983. East shore of Tian Lake, about 130km ENE of Urumqi,

499571 TO 499576-continued
Xinjiang. 1900m. Wild. Seed.

499573. DT-3133. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Pods erect. Wild. Seed.

499574. DT-3156. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Wild. Seed.

499575. DT-3162. China, Peoples Repub of. Collected August 10, 1983. Gang-gou Grassland Station, South Mountain, 60km SW of Urumqi, Xinjiang. 1850m. Wild. Seed.

499576. DT-3184. China, Peoples Repub of. Collected August 10, 1983. Road to South Mountain, about 50km SW of Urumqi, Xinjiang. 1600m. Wild. Seed.

499577 TO 499582. Bromus inermis Leyss. (Poaceae) Smooth bromegrass.

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499577. DT-3060. China, Peoples Repub of. Collected August 06, 1983. Inside Yien-an Hotel compound, S suburbs of Urumqi, Xinjiang. 1000m. Wild. Seed.

499578. DT-3124. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Wild. Seed.

499579. DT-3138. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Wild. Seed.

499580. DT-3152. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Wild. Seed.

499581. DT-3158. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Wild. Seed.

499582. DT-3161. China, Peoples Repub of. Collected August 10, 1983. Gang-gou Grassland Station, South Mountain, about 60km SW of Urumqi. 1850m. Wild. Seed.

499583 TO 499584. Dactylis glomerata L. (Poaceae) Orchardgrass.

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499583. DT-3132. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Wild. Seed.

499584. DT-3177. China, Peoples Repub of. Collected August 10, 1983. Gang-gou Grassland Station, South Mountain, about 60km SW of Urumqi. 1850m. Wild. Seed.

499585 TO 499587. Elymus abolinii (Drobov) Tzvelev (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499585. DT-3092. China, Peoples Repub of. Collected August 08, 1983. East shore of Tian Lake, about 130km ENE of Urumqi, Xinjiang. 1900m. Spikes green. Glumes large. Wild. Seed.

499586. DT-3143. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Spikes straw-colored, awned. Wild. Seed.

499587. DT-3151. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Spikes bronze. Awns spreading. Glumes large. Wild. Seed.

499588. Elymus cf. alatavicus (Drobov) A. Love (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

DT-3197. China, Peoples Repub of. Collected August 11, 1983. South Mountain, about 70km SW of Urumqi, Xinjiang. 2000-2050m. Spikes brown. Awns short. Wild. Seed.

499589. Elymus cf. mutabilis (Drobov) Tzvelev (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

DT-3131. China, Peoples Repub of. Collected August 09, 1983. Side canyon off the road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Spikes short, awn-tipped. Wild. Seed.

499590. Elymus cf. sibiricus L. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

DT-3076. China, Peoples Repub of. Collected August 08, 1983. Sun Gong Commune on road to Tian Lake, about 110km ENE of Urumqi, Xinjiang. 890m. Wild. Seed.

499591. Elymus cf. tsukushiensis Honda (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

DT-3160. China, Peoples Repub of. Collected August 08, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Spikes slender, awned. Wild. Seed.

499592 TO 499604. Elymus dahuricus Turcz. ex Griseb. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499592. DT-3008. China, Peoples Repub of. Collected July 23, 1983. Railroad stop at Qinling, Shaanxi. 1380m. Wild. Seed.

499593. DT-3011. China, Peoples Repub of. Collected July 30,

499592 TO 499604-continued
1983. Grounds of Univ. of Lanzhou, Lanzhou, Gansu. Originally from Qilian Mts. 1500m. Spikes awned. Wild. Seed.

499594. DT-3015. China, Peoples Repub of. Collected July 30, 1983. Grounds of Univ. of Lanzhou, Lanzhou, Gansu. Originally from Qilian Mts. 1500m. Plants very tall. Wild. Seed.

499595. DT-3021. China, Peoples Repub of. Collected July 31, 1983. Along irrigation ditch, 5km SW of Huang Yuan, Qinghai. 2550m. Spikes erect. Wild. Seed.

499596. DT-3035. China, Peoples Repub of. Collected August 03, 1983. Grounds of Northwest Institute of Biology, Xining, Qinghai. 2200m. Plants over 1 m tall. Wild. Seed.

499597. DT-3048. China, Peoples Repub of. Collected August 05, 1983. Outside of Yien-an Hotel compound in S suburbs of Urumqi, Xinjiang. 1000m. Single plant with colored straw. Wild. Seed.

499598. DT-3069. China, Peoples Repub of. Collected August 07, 1983. Xiao-Huang (Little Yellow) Mountains, about 90km ENE of Urumqi, Xinjiang. 1150m. Wild. Seed.

499599. DT-3075. China, Peoples Repub of. Collected August 08, 1983. Sun Gong Commune on road to Tian Lake, about 110km ENE of Urumqi, Xinjiang. 890m. Wild. Seed.

499600. DT-3087. China, Peoples Repub of. Collected August 08, 1983. Mountain road to Tian Lake, Xinjiang Prov. 1600m. Wild. Seed.

499601. DT-3111. China, Peoples Repub of. Collected August 08, 1983. East shore of Tian Lake, about 130km ENE of Urumqi, Xinjiang. 1900m. Spikes very large. Wild. Seed.

499602. DT-3142. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Wild. Seed.

499603. DT-3166. China, Peoples Repub of. Collected August 10, 1983. Gang-gou Grassland Station, South Mountain, about 60km SW of Urumqi. 1850m. Wild. Seed.

499604. DT-3198. China, Peoples Repub of. Collected August 11, 1983. South Mountain, about 70km SW of Urumqi, Xinjiang. 2000-2050m. Spikes bronze. Wild. Seed.

499605 TO 499610. Elymus gmelinii (Ledeb.) Tzvel. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.;

499605 TO 499610-continued

Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499605. DT-3090. China, Peoples Repub of. Collected August 08, 1983. East shore of Tian Lake, about 130km ENE of Urumqi, Xinjiang. 1900m. Spikes purplish. Awns long. Wild. Seed.

499606. DT-3121. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Spikes purplish, awned. Wild. Seed.

499607. DT-3155. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Spikes reddish, awned. Wild. Seed.

499608. DT-3176. China, Peoples Repub of. Collected August 10, 1983. Gang-gou Grassland Station, South Mountain, about 60km SW of Urumqi. 1850m. Spikes lavender, awned. Wild. Seed.

499609. DT-3180. China, Peoples Repub of. Collected August 10, 1983. South Mountain, 65km SW of Urumqi, Xinjiang. 2050m. Spikes awned. Wild. Seed.

499610. DT-3192. China, Peoples Repub of. Collected August 11, 1983. South Mountain, 70km SW of Urumqi, Xinjiang. 2000-2050m. Spikes purplish-green, awned. Wild. Seed.

499611 TO 499612. Elymus nutans Griseb. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499611. DT-3009. China, Peoples Repub of. Collected July 28, 1983. Km marker 193-194 on Lanzhou to Wuwei Hwy, Long Goupu, Gansu. 2300m. Wild. Seed.

499612. DT-3023. China, Peoples Repub of. Collected August 01, 1983. Km marker 45 on hwy from Xining to Huang Yuan Xia, Qinghai. 2450m. Spikes small. Wild. Seed.

499613 TO 499620. Elymus sibiricus L. (Poaceae) Wildrye.

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.;

499613 TO 499620-continued

Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499613. DT-3049. China, Peoples Repub of. Collected August 05, 1983. Outside Yien-an Hotel compound, S suburbs of Urumqi, Xinjiang. 1000m. Wild. Seed.

499614. DT-3089. China, Peoples Repub of. Collected August 08, 1983. East shore of Tian Lake, about 130km ENE of Urumqi, Xinjiang. 1900m. Wild. Seed.

499615. DT-3093. China, Peoples Repub of. Collected August 08, 1983. East shore of Tian Lake, about 130km ENE of Urumqi, Xinjiang. 1900m. Spikes long, pendulous. Wild. Seed.

499616. DT-3095. China, Peoples Repub of. Collected August 08, 1983. East shore of Tian Lake, about 130km ENE of Urumqi, Xinjiang. 1900m. Spikes large, straw-colored. Wild. Seed.

499617. DT-3128. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi. 1350-1750m. Spikes branched. Wild. Seed.

499618. DT-3130. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi. 1350-1750m. Spikes large, straw-colored. Wild. Seed.

499619. DT-3172. China, Peoples Repub of. Collected August 10, 1983. Gang-gou Grassland Station, South Mountain, about 60km SW of Urumqi. 1850m. Wild. Seed.

499620. DT-3174. China, Peoples Repub of. Collected August 10, 1983. Gang-gou Grassland Station, South Mountain, about 60km SW of Urumqi. 1850m. Spikes bronze. Wild. Seed.

499621. Elymus sp. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

DT-3010. China, Peoples Repub of. Collected July 30, 1983. Grounds of Univ. of Lanzhou, Lanzhou, Gansu. Originally from Qilian Mts. 1500m. Spikes dense. Received as E. cylindricus. Wild. Seed.

499622 TO 499628. Elymus tsukushiensis Honda (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499622. DT-3001. Japan. Collected July 14, 1983. Behind Narita Holiday Inn, Narita. 80m. Plants 1 m tall, weedy. Wild. Seed.

499623. DT-3003. Japan. Collected July 14, 1983. Roadside near Narita. 80m. Culms to 60cm. Spikes purplish. Wild. Seed.

499624. DT-3005. China, Peoples Repub of. Collected July 19, 1983. Ditchbank, about 56km W of Chengdu, Sichuan. 730m. Spikes drooping. Wild. Seed.

499625. DT-3006. China, Peoples Repub of. Collected July 20, 1983. Km marker 124-125 on highway between Chengdu and Ya-an, Sichuan. 840m. Wild. Seed.

499626. DT-3007. China, Peoples Repub of. Collected July 23, 1983. Railroad stop at Qinling, Shaanxi. 1380m. Culms to 75cm. Spikes arched. Awns long. Wild. Seed.

499627. DT-3013. China, Peoples Repub of. Collected July 30, 1983. Grounds of Univ. of Lanzhou, Lanzhou, Gansu. Originally from Qilian Mts. 1500m. Spikes semi-erect. Awns long, straight. Wild. Seed.

499628. DT-3017. China, Peoples Repub of. Collected July 30, 1983. Grounds of Univ. of Lanzhou, Lanzhou, Gansu. Originally from Qilian Mts. 1500m. Spikes arched. Awns long. Wild. Seed.

499629. Elytrigia cf. repens (L.) Nevski (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

DT-3145. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Wild. Seed.

499630 TO 499636. Elytrigia repens (L.) Nevski (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.;

499630 TO 499636-continued
Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499630. DT-3045. China, Peoples Repub of. Collected August 05, 1983. Outside of Yien-an Hotel compound in S suburbs of Urumqi, Xinjiang. 1000m. Plants self-fertile. Wild. Seed.

499631. DT-3081. China, Peoples Repub of. Collected August 08, 1983. Sun Gong Commune, on road to Tian Lake, Xinjiang. 890m. Spikes narrow. Wild. Seed.

499632. DT-3088. China, Peoples Repub of. Collected August 08, 1983. Far east shore of Tian Lake, Xinjiang. 1900m. Plants prevalent on shore line. Wild. Seed.

499633. DT-3097. China, Peoples Repub of. Collected August 08, 1983. East shore of Tian Lake, about 130km ENE of Urumqi, Xinjiang. 1900m. Leaves blue-green. Spikes purplish. Wild. Seed.

499634. DT-3109. China, Peoples Repub of. Collected August 08, 1983. East shore of Tian Lake, about 130km ENE of Urumqi, Xinjiang. 1900m. Plants self-fertile. Spikes reddish. Wild. Seed.

499635. DT-3150. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Spikes slender. Wild. Seed.

499636. DT-3188. China, Peoples Repub of. Collected August 10, 1983. Road to South Mountain, about 50km SW of Urumqi, Xinjiang. 1600m. Wild. Seed.

499637 TO 499638. Elytrigia strigosa (M. Bieb.) Nevski (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499637. DT-3101. China, Peoples Repub of. Collected August 08, 1983. East shore of Tian Lake, about 130km ENE of Urumqi, Xinjiang. 1900m. Spikes straw-colored, awned. Received as Pseudoroegneria aegilopoides. Wild. Seed.

499638. DT-3137. China, Peoples Repub of. Collected August 09, 1983. Side canyon off the road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Received as

499637 TO 499638-continued
Pseudoroegneria aegilopoides. Wild. Seed.

499639. Festuca arundinacea Schreb. (Poaceae) Tall fescue.

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

DT-3002. Japan. Collected July 14, 1983. Near Narita View Hotel, Narita. 80m. Plants 1 m tall, caespitose, common. Wild. Seed.

499640. Festuca ovina L. (Poaceae) Sheep fescue.

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

DT-3085. China, Peoples Repub of. Collected August 08, 1983. Protected hillside at entrance to Lake Tian Preserve, Xinjiang. Wild. Seed.

499641 TO 499642. Hedysarum semenovii Regel & Herder (Fabaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499641. DT-3067. China, Peoples Repub of. Collected August 07, 1983. Xiao-Huang (Little Yellow) Mountain, about 90km ENE of Urumqi, Xinjiang. 1150m. Plants small, woody shrub, 75cm tall. Wild. Seed.

499642. DT-3100. China, Peoples Repub of. Collected August 08, 1983. East shore of Tian Lake, about 130km ENE of Urumqi, Xinjiang. 1900m. Plants shrubby. Wild. Seed.

499643 TO 499646. Hordeum bogdanii Wilensky (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.

499643 TO 499646-continued
Received February 1985.

499643. DT-3042. China, Peoples Repub of. Collected August 05, 1983. Outside of Yien-an Hotel compound in S subsurbs of Urumqi, Xinjiang. 1000m. Received as Critesion bogdanii. Wild. Seed.

499644. DT-3046. China, Peoples Repub of. Collected August 05, 1983. Outside of Yien-an Hotel compound in S subsurbs of Urumqi, Xinjiang. 1000m. Single plant. Spikes purplish. Received as Critesion bogdanii. Wild. Seed.

499645. DT-3061. China, Peoples Repub of. Collected August 07, 1983. Fubei State Farm, Fukang County, about 60km ENE of Urumqi, Xinjiang. 500m. Site saline. Received as Critesion bogdanii. Wild. Seed.

499646. DT-3190. China, Peoples Repub of. Collected August 10, 1983. Road to South Mountain, about 50km SW of Urumqi, Xinjiang. 1600m. Received as Critesion bogdanii. Wild. Seed.

499647. Hordeum brevisubulatum (Trin.) Link (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

DT-3164. China, Peoples Repub of. Collected August 10, 1983. Gang-gou Grassland Station, South Mountain, about 60km SW of Urumqi. 1850m. Received as Critesion brevisubulatum. Wild. Seed.

499648. Leymus alaicus (Korsh.) Tzvelev (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

DT-3146. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Glumes large. Lemmas awn-tipped. Received as Elymus ugamicus. Wild. Seed.

499649 TO 499650. Leymus angustus (Trin.) Pilger (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.;

499649 TO 499650-continued
Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499649. DT-3062. China, Peoples Repub of. Collected August 07, 1983. Xiao-Huang (Little Yellow) Mountains, about 90km ENE of Urumqi, Xinjiang. 1150m. Spikes narrow. Wild. Seed.

499650. DT-3185. China, Peoples Repub of. Collected August 10, 1983. Road to South Mountain, about 50km SW of Urumqi, Xinjiang. 1600m. Spikes narrow. Wild. Seed.

499651 TO 499652. Leymus multicaulis (Karelin & Kir.) Tzvelev (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499651. DT-3052. China, Peoples Repub of. Collected August 06, 1983. Inside the Yien-an Hotel compound in S suburbs of Urumqi, Xinjiang. 1000m. Wild. Seed.

499652. DT-3059. China, Peoples Repub of. Collected August 06, 1983. Inside the Yien-an Hotel compound in S suburbs of Urumqi, Xinjiang. 1000m. Leaves bright green. Spikes arched. Wild. Seed.

499653. Leymus ramosus (Trin.) Tzvelev (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

DT-3056. China, Peoples Repub of. Collected August 06, 1983. Inside the Yien-an Hotel compound in S suburbs of Urumqi, Xinjiang. 1000m. Rhizomes strong (vigorous). Wild. Seed.

499654. Leymus cf. ramosus (Trin.) Tzvelev (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.

499654-continued
Received February 1985.

DT-3182. China, Peoples Repub of. Collected August 10, 1983. Road to South Mountain, about 50km SW of Urumqi, Xinjiang. 1600m. Wild. Seed.

499655 TO 499658. Leymus secalinus (Georgi) Tzvelev (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499655. DT-3014. China, Peoples Repub of. Collected July 30, 1983. Grounds of Univ. of Lanzhou, Lanzhou, Gansu. Originally from Qilian Mts. 1500m. Plants glabrous. Wild. Seed.

499656. DT-3019. China, Peoples Repub of. Collected July 30, 1983. Forestry Station in south suburbs of Lanzhou, Gansu. 1540m. Leaves blue. Spikes bronze, long. Wild. Seed.

499657. DT-3020. China, Peoples Repub of. Collected July 30, 1983. Forestry Station in south suburbs of Lanzhou, Gansu. 1540m. Spikes slender. Wild. Seed.

499658. DT-3039. China, Peoples Repub of. Collected August 03, 1983. South suburbs of Xining, Qinghai. 2250m. Spikes bronze, narrow. Wild. Seed.

499659 TO 499662. Medicago sativa L. (Fabaceae) Alfalfa.

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499659. DT-3044. China, Peoples Repub of. Collected August 05, 1983. Outside of Yien-an Hotel compound, S suburbs of Urumqi, Xinjiang. 1000m. Flowers purple. May be cultivated. Seed.

499660. DT-3136. China, Peoples Repub of. Collected August 10, 1983. Grounds of Yien-an Guest Hotel compound, Urumqi, Xinjiang. 1000m. Flowers purple. Pods coiled. Cultivated. Seed.

499661. DT-3149. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Wild. Seed.

499662. DT-3183. China, Peoples Repub of. Collected August 10, 1983. Road to South Mountain, about 50km SW of Urumqi, Xinjiang. 1600m. Wild. Seed.

499663 TO 499666. Medicago sativa subsp. falcata (L.) Arc. (Fabaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499663. DT-3141. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Flowers yellow. Pod sickle-shaped. Received as M. falcata. Wild. Seed.

499664. DT-3157. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Received as M. falcata. Wild. Seed.

499665. DT-3167. China, Peoples Repub of. Collected August 10, 1983. Gang-gou Grassland Station, South Mountain, about 60km SW of Urumqi. 1850m. Received as M. falcata. Wild. Seed.

499666. DT-3186. China, Peoples Repub of. Collected August 10, 1983. Road to South Mountain, about 50km SW of Urumqi, Xinjiang. 1600m. Received as M. falcata. Wild. Seed.

499667. Medicago sp. (Fabaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

DT-3187. China, Peoples Repub of. Collected August 10, 1983. Road to South Mountain, about 50km SW of Urumqi, Xinjiang. 1600m. Received as M. falcata. Annual. Wild. Seed.

499668 TO 499669. Phleum phleoides (L.) Karst. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of

499668 TO 499669-continued
Plant Science, Univ. of Manitoba; Logan, Utah, USA;
Winnipeg, Manitoba, Canada.
Received February 1985.

499668. DT-3103. China, Peoples Repub of. Collected August 08, 1983. East shore of Tian Lake, about 130km ENE of Urumqi, Xinjiang. 1900m. Wild. Seed.

499669. DT-3170. China, Peoples Repub of. Collected August 10, 1983. Gang-gou Grassland Station, South Mountain, about 60km SW of Urumqi. 1850m. Wild. Seed.

499670 TO 499671. Poa sp. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499670. DT-3027. China, Peoples Repub of. Collected August 01, 1983. Km marker 45 on hwy from Xining to Huang Yuan Xia, Qinghai. 2450m. Inflorescence reddish. Wild. Seed.

499671. DT-3108. China, Peoples Repub of. Collected August 08, 1983. East shore of Tian Lake, about 130km ENE of Urumqi, Xinjiang. 1900m. Wild. Seed.

499672 TO 499675. Psathyrostachys juncea (Fisch.) Nevski (Poaceae)
Russian wildrye.

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499672. DT-3058. China, Peoples Repub of. Collected August 06, 1983. Inside the Yien-an Hotel compound, S suburbs of Urumqi, Xinjiang. 1000m. Plants large. Wild. Seed.

499673. DT-3148. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Wild. Seed.

499674. DT-3154. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Wild. Seed.

499675. DT-3181. China, Peoples Repub of. Collected August 10, 1983. Road to South Mountain, about 50km SW of Urumqi,

499672 TO 499675-continued
Xinjiang. 1600m. Wild. Seed.

499676. Stipa bungeana Trin. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

DT-3040. China, Peoples Repub of. Collected August 03, 1983. South suburbs of Xining, Qinghai. 2250m. Wild. Seed.

499677 TO 499679. Stipa capillata L. (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499677. DT-3063. China, Peoples Repub of. Collected August 07, 1983. Xiao-Huang (Little Yellow) Mountains, about 90km ENE of Urumqi, Xinjiang. 1150m. Wild. Seed.

499678. DT-3084. China, Peoples Repub of. Collected August 08, 1983. Protected hillside at entrance to Tian Lake Preserve, Xinjiang. 1140m. Wild. Seed.

499679. DT-3125. China, Peoples Repub of. Collected August 09, 1983. Side canyon off road to Tian Lake, about 120km ENE of Urumqi, Xinjiang. 1350-1750m. Wild. Seed.

499680 TO 499682. Stipa sareptana A. Becker (Poaceae).

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499680. DT-3043. China, Peoples Repub of. Collected August 05, 1983. Outside Yien-an Hotel compound, S suburbs of Urumqi, Xinjiang. 1000m. Wild. Seed.

499681. DT-3102. China, Peoples Repub of. Collected August 08, 1983. East shore of Tian Lake, about 130km ENE of Urumqi, Xinjiang. 1900m. Wild. Seed.

499682. DT-3203. China, Peoples Repub of. Collected August 11,

499680 TO 499682-continued

1983. South Mountain, about 70km SW of Urumqi, Xinjiang. 2000-2050m. Wild. Seed.

499683. Trifolium fragiferum L. (Fabaceae) Strawberry clover.

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

DT-3079. China, Peoples Repub of. Collected August 08, 1983. Sun Gong Commune on road to Tian Lake, about 110km ENE of Urumqi, Xinjiang. 890m. Wild. Seed.

499684 TO 499688. Trifolium repens L. (Fabaceae) White clover.

From China, Peoples Repub of. Collected by Dewey, D.R.; Tai, W.; Crops Research Lab., USDA-ARS, Utah State Univ.; Dept. of Plant Science, Univ. of Manitoba; Logan, Utah, USA; Winnipeg, Manitoba, Canada.
Received February 1985.

499684. DT-3054. China, Peoples Repub of. Collected August 06, 1983. Inside Yian-an Hotel compound, S suburbs of Urumqi, Xinjing. 1000m. May be cultivated. Seed.

499685. DT-3080. China, Peoples Repub of. Collected August 08, 1983. Sun Gong Commune on road to Tian Lake, about 110km ENE of Urumqi, Xinjiang. 890m. Wild. Seed.

499686. DT-3107. China, Peoples Repub of. Collected August 08, 1983. East shore of Tian Lake, about 130km ENE of Urumqi, Xinjiang. 1900m. Wild. Seed.

499687. DT-3163. China, Peoples Repub of. Collected August 10, 1983. Gang-gou Grassland Station, South Mountain, about 60km SW of Urumqi. 1850m. Wild. Seed.

499688. DT-3189. China, Peoples Repub of. Collected August 10, 1983. Road to South Mountain, about 50km SW of Urumqi, Xinjiang. 1600m. Wild. Seed.

499689. Hordeum vulgare L. (Poaceae) Barley.

From United States. Donated by Verhoeven, M.; Department of Crop Science, Oregon State University; Corvallis, Oregon.
Received September 1985.

ORSM8407. United States. Klages/M22//Karl. Six row type.

499689-continued

Maturity a little later than Morex. Straw shorter, stiffer than Morex, Klages. More lodging resistance than Morex, Klages. Spikes lax with rough awns. Test weight better than Morex, Klages. Similar to Morex and Klages in susceptibility to leaf rust and is more susceptible to powdery mildew. Malting quality is comparable to Morex, Klages. Well adapted to irrigated areas of central Oregon. Spring Annual. Cultivated. Seed.

499690. Linum usitatissimum L. (Linaceae) Flax.

From United States. Donated by Miller, J.F.; USDA-ARS, North Dakota State University; Fargo, North Dakota.
Received October 1985.

CI 2934. Linton. CI 2506M3M3P3P3/Culbert. Plants medium tall, 57cm. Flowers blue, 51 days after sowing. Yield 16% higher than Linott, Culbert and Dufferin. Oil percentage high. Iodine value medium high. Resistant to all naturally occuring and prevalent races of flax rust in North America. Adapted to North Central USA. Cultivar. Seed.

499691. Triticum aestivum L. (Poaceae) Common wheat.

From United States. Donated by Cox, T.S.; Department of Agronomy, Kansas State University; Manhattan, Kansas.
Received October 1985.

KS85WGRC01. United States. TA1644/Newton//Wichita. Hard red type. Plants 10cm taller than Newton. Maturity same or slightly earlier than Newton. Resistant to soilborne mosaic virus. Reacts to leaf diseases same as Newton. Resistant to Hessian fly. Winter Annual. Cultivar. Seed.

499692. Hordeum vulgare L. (Poaceae) Barley.

From United States. Donated by Day, A.D.; Department of Plant Sciences, University of Arizona; Tucson, Arizona.
Received October 1985.

Arizona 8501. United States. Fifty selected genotypes. Parents chosen for tolerance to high temperature, low temperature, drought, salinity, infertile soil. Plants adapted to varied stress conditions of disturbed lands. Cultivar. Seed.

499693. Gossypium barbadense L. (Malvaceae) Sea-island cotton.

From Ecuador. Collected by Percival, A.E.; and Wilson, F.D.; USDA-

499693-continued

ARS, Cotton Genetics Research; USDA-ARS, Western Cotton Research Laboratory; College Station, Texas; Phoenix, Arizona.
Received October 1985.

PW-1. Ecuador. Collected September 03, 1985. Duran-Tambo Highway, Guayaquil, Guayas. Plants 2m tall, hairy. Bracts medium long with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499694 TO 499744. Gossypium darwinii Watt (Malvaceae) Cotton.

From Ecuador. Collected by Percival, A.E.; and Wilson, F.D.; USDA-ARS, Cotton Genetics Research; USDA-ARS, Western Cotton Research Laboratory; College Station, Texas; Phoenix, Arizona.
Received October 1985.

499694. PW-2. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants 2m tall, hairy. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499695. PW-3. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants swarming. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499696. PW-4. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants swarming. Bracts medium long, with 9-11 teeth. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499697. PW-5. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants 4m tall, hairy. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499698. PW-6. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants 4m tall, hairy. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499699. PW-7. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants swarming, hairy. Bracts medium long, with 9-11 teeth.

Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499700. PW-9. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants 2m tall, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499701. PW-10. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants 3m tall, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499702. PW-11. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants 2.5m tall, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Seeds naked. Wild. Seed.

499703. PW-12. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants 2m tall, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Seeds naked. Wild. Seed.

499704. PW-14. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants 3m tall. Flowers yellow with heavy petal spot. Locules 3-5. Seeds naked. Wild. Seed.

499705. PW-16. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants 2m tall. Seeds naked. Wild. Seed.

499706. PW-18. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants 3m tall. Locules 3-4. Seeds naked. Wild. Seed.

499707. PW-20. Ecuador. Collected September 08, 1985. Black Beach, Marchena, Galapagos Islands. Plants 2m tall, glabrous. Bracts large. Flowers yellow with medium petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499708. PW-21. Ecuador. Collected September 08, 1985. Black Beach, Marchena, Galapagos Islands. Plants 2m tall, glabrous. Bracts large. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499709. PW-22. Ecuador. Collected September 10, 1985. Tagus

Cove, Isabela, Galapagos Islands. Plants 1.5m tall, glabrous. Bracts large, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499710. PW-23. Ecuador. Collected September 10, 1985. Tagus Cove, Isabela, Galapagos Islands. Plants 1 m tall, glabrous. Bracts large, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499711. PW-24. Ecuador. Collected September 10, 1985. Tagus Cove, Isabela, Galapagos Islands. Plants 2m tall, glabrous. Bracts medium size, with 9-11 teeth. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499712. PW-25. Ecuador. Collected September 10, 1985. Tagus Cove, Isabela, Galapagos Islands. Plants 2m tall, glabrous. Bracts large, with 9-11 teeth. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499713. PW-26. Ecuador. Collected September 10, 1985. Tagus Cove, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts large, with 9-11 teeth. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499714. PW-27. Ecuador. Collected September 10, 1985. Tagus Cove, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts large. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499715. PW-28. Ecuador. Collected September 10, 1985. Tagus Cove, Isabela, Galapagos Islands. 100m. Plants swarming, glabrous. Bracts large, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499716. PW-29. Ecuador. Collected September 10, 1985. Tagus Cove, Isabela, Galapagos Islands. Plants 3m tall, glabrous. Bracts large, with 9-11 teeth. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499717. PW-30. Ecuador. Collected September 10, 1985. Tagus Cove, Isabela, Galapagos Islands. Plants 2m tall, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499718. PW-31. Ecuador. Collected September 10, 1985. South of Tagus Cove, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts large, with 9-11 teeth. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499719. PW-32. Ecuador. Collected September 11, 1985. South of Tagus Cove, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499720. PW-33. Ecuador. Collected September 11, 1985. South of Tagus Cove, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499721. PW-34. Ecuador. Collected September 11, 1985. South of Tagus Cove, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499722. PW-35. Ecuador. Collected September 11, 1985. South of Tagus Cove, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499723. PW-36. Ecuador. Collected September 11, 1985. South of Tagus Cove, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499724. PW-37. Ecuador. Collected September 12, 1985. Urvina Bay, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499725. PW-38. Ecuador. Collected September 12, 1985. Urvina Bay, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499726. PW-39. Ecuador. Collected September 12, 1985. Urvina Bay, Isabela, Galapagos Islands. Plants 5m tall, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499727. PW-40. Ecuador. Collected September 12, 1985. Urvina Bay, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present.

499694 TO 499744-continued
Lint color khaki. Fuzz brown. Wild. Seed.

499728. PW-41. Ecuador. Collected September 12, 1985. Urvina Bay, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499729. PW-43. Ecuador. Collected September 12, 1985. Urvina Bay, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499730. PW-44. Ecuador. Collected September 12, 1985. North end of Elizabeth Bay, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499731. PW-45. Ecuador. Collected September 12, 1985. North end of Elizabeth Bay, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499732. PW-46. Ecuador. Collected September 12, 1985. Central part of Elizabeth Bay, Isabela, Galapagos Islands. Plants swarming, glabrous. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499733. PW-48. Ecuador. Collected September 13, 1985. Iguana Cove, Isabela, Galapagos Islands. 200m. Plants swarming, hairy. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499734. PW-49. Ecuador. Collected September 13, 1985. Iguana Cove, Isabela, Galapagos Islands. 100m. Plants 2m tall, hairy. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499735. PW-50. Ecuador. Collected September 13, 1985. Iguana Cove, Isabela, Galapagos Islands. 50m. Plants swarming, hairy. Bracts medium long, with 9-11 teeth. Flowers yellow with heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499736. PW-51. Ecuador. Collected September 13, 1985. Iguana Cove, Isabela, Galapagos Islands. Plants 2m tall, hairy. Bracts medium long, with 9-11 teeth. Flowers yellow with

499694 TO 499744-continued
heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499737. PW-52. Ecuador. Collected September 14, 1985. San Pedro Cove, east of Cape Rose, Isabela, Galapagos Islands. Plants swarming, hairy. Bracts medium long, with 9-11 teeth. Flowers yellow wit h heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499738. PW-53. Ecuador. Collected September 14, 1985. San Pedro Cove, east of Cape Rose, Isabela, Galapagos Islands. Plants swarming, hairy. Bracts medium long, with 9-11 teeth. Flowers yellow wit h heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499739. PW-54. Ecuador. Collected September 14, 1985. San Pedro Cove, east of Cape Rose, Isabela, Galapagos Islands. Plants swarming, hairy. Bracts medium long, with 9-11 teeth. Flowers yellow wit h heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499740. PW-55. Ecuador. Collected September 14, 1985. Villamil-Santo Tomas Rd, Isabela, Galapagos Islands. Plants swarming, hairy. Bracts medium long, with 9-11 teeth. Flowers yellow wit h heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499741. PW-56. Ecuador. Collected September 14, 1985. Villamil-Santo Tomas Rd, Isabela, Galapagos Islands. Plants swarming, hairy. Bracts medium long, with 9-11 teeth. Flowers yellow wit h heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499742. PW-57. Ecuador. Collected September 14, 1985. Villamil-Santo Tomas Rd, Isabela, Galapagos Islands. Plants swarming, hairy. Bracts medium long, with 9-11 teeth. Flowers yellow wit h heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499743. PW-58. Ecuador. Collected September 14, 1985. West outskirts of Villamil, Isabela, Galapagos Islands. Plants swarming, hairy. Bracts medium long, with 9-11 teeth. Flowers yellow wit h heavy petal spot. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499744. PW-59. Ecuador. Collected September 16, 1985. West outskirts of Puerto Ayora, Santa Cruz, Galapagos Islands. Plants 1.5m tall. Locules 3-4. Glands present. Lint color khaki. Fuzz brown. Wild. Seed.

499745 TO 499751. Gossypium klotzschianum Anderss. (Malvaceae).

From Ecuador. Collected by Percival, A.E.; and Wilson, F.D.; USDA-

READEX
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499745 TO 499751-continued
ARS, Cotton Genetics Research; USDA-ARS, Western Cotton Research Laboratory; College Station, Texas; Phoenix, Arizona.
Received October 1985.

499745. PW-8. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants 2m tall. Locules 5-4. Seeds naked. Wild. Seed.

499746. PW-13. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants 1.5m tall. Locules 5-4. Seeds naked. Wild. Seed.

499747. PW-15. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants 1.5m tall. Locules 5. Seeds naked. Wild. Seed.

499748. PW-17. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants 2m tall. Locules 5. Seeds naked. Wild. Seed.

499749. PW-19. Ecuador. Collected September 05, 1985. Puerto Ayora-Baltra Rd, Santa Cruz, Galapagos Islands. Plants 1 m tall. Locules 5. Seeds naked. Wild. Seed.

499750. PW-42. Ecuador. Collected September 12, 1985. Urvina Bay, Isabela, Galapagos Islands. Plants 1.5m tall. Locules 3-4. Glands present. Seeds naked. Wild. Seed.

499751. PW-47. Ecuador. Collected September 12, 1985. Central part of Elizabeth Bay, Isabela, Galapagos Islands. Plants 1 m tall. Locules 3-4. Glands present. Seeds naked. Wild. Seed.

499752 TO 499766. Gossypium australe F. Muell. (Malvaceae).

From United States. Donated by Stewart, J.M.; USDA-ARS, Department of Plant and Soil Sciences, University of Tennessee; Knoxville, Tennessee. Code numbers refer to collection by L.A. Craven, P.A. Fryxell, J.M. Stewart.
Received August 1985.

499752. CFS-6. Australia. Collected May 19, 1985. Stuart Highway, 2km S of Larrimah, Northern Territory. Growing in Eucalyptus woodland on lateritic red loam. Shrub perennial to 1.5m tall. Flowers mauve with red petal spot. Capsules scarce, mature. Seeds dispersed by wind. Wild. Seed.

499753. CFS-9. Australia. Collected May 20, 1985. Stuart Highway, Devil's Marbles Park, Northern Territory. Growing among granite rock in sandy soil. Shrub perennial to 1.5m tall. Flowers mauve with red petal spot. Capsules maturing. Wild. Seed.

499754. CFS-11. Australia. Latitude: 23 deg 35 m S; Longitude: 133 deg 41 m E. Collected May 21, 1985. Painter Springs, Hamilton Downs Homestead, 41.6km NW Alice Springs, N.T. Growing among granite rocks above springs, mixed with population of G. nelsonii. Shrub to 1.5m tall. Only one plant seen. Wild. Seed.

499755. CFS-13. Australia. Collected May 21, 1985. Namatjira Dr., (Alice Springs to Glen Helen Rd) 22km E of Glen Helen, N.T. Growing on sandstone substrate. Shrubs to 1.5m tall. Small population. Wild. Seed.

499756. CFS-19. Australia. Collected May 22, 1985. North end of Ormiston Gorge, 130km W of Alice Springs, N.T. Common, growing in river sand among boulders, with G. nelsonii and G. sturtianum. Shrubs to 2m tall. No flowers. Capsules moderately available. Wild. Seed.

499757. CFS-24. Australia. Collected May 24, 1985. Gap through Stuart Bluff range, Tanami Track, 200km NW of Alice Springs, N.T. Growing in south hillside. Shrubs to 1.5m tall. Leaves nearly absent due to drought. Cleistogamous capsules maturing. Wild. Seed.

499758. CFS-25. Australia. Collected May 24, 1985. Roadside, Tanami Track, 2km SE of Yuendumu Reserve boundary, N.T. Shrubs to 1.5m tall. No flowers. Wild. Seed.

499759. CFS-26. Australia. Collected May 24, 1985. Roadside, Tanami Track, 420km NW of Alice Springs, N.T. Growing in sand plains. Standard type. Wild. Seed.

499760. CFS-28. Australia. Collected May 25, 1985. Tanami Track, 11km S of Rabbit Flat, N.T. Growing in red sandy loam. Standard type. Wild. Seed.

499761. CFS-30. Australia. Collected May 25, 1985. Roadside, 200km W of Rabbit Flat, 77km W of state line, N.T. Growing in red sandy plains. Standard type. Wild. Seed.

499762. CFS-31. Australia. Collected May 26, 1985. Crater slopes of Wolf Creek Crater, Western Australia. Growing in broken sandstone. Standard type. Leaves show some lobing. Wild. Seed.

499763. CFS-32. Australia. Collected May 26, 1985. Great Northern Hwy, 20km W of Halls Creek, Western Australia. Growing in sandy loam. Standard type. Wild. Seed.

499764. CFS-33. Australia. Collected May 27, 1985. Great

499752 TO 499766-continued
Northern Hwy, 69km E of Fitzroy Crossing, Western Australia. Growing in open shrubland. Standard type. Calyx veins prominent. Wild. Seed.

499765. CFS-103. Australia. Collected June 21, 1985. Great Northern Hwy to Kununurra, 8km W of Katherine, N.T. Growing in red loam. Shrubs perennial erect, 1-2m tall. Flowers mauve with red center. Wild. Seed.

499766. A117. Australia. Canberra. CSIRO. Collected October 17, 1981. Pt Hedland Rd, 10km W of Marble Bar, Western Australia. Wild. Seed.

499767. Gossypium barbadense L. (Malvaceae) Sea-island cotton.

From United States. Donated by Stewart, J.M.; USDA-ARS, Department of Plant and Soil Sciences, University of Tennessee; Knoxville, Tennessee. Code numbers refer to collection by L.A. Craven, P.A. Fryxell, J.M. Stewart. Received August 1985.

CFS-29. Australia. Collected May 25, 1985. Garden, Rabbit Flat Roadhouse. Growing in dooryard. Shrubs 2.5km tall. Flowers yellow. Fruits numerous. Boll large. Lint length shorter than normal. Possibly Pima S-4. Cultivated. Seed.

499768. Gossypium bickii Prokhanov (Malvaceae).

From United States. Donated by Stewart, J.M.; USDA-ARS, Department of Plant and Soil Sciences, University of Tennessee; Knoxville, Tennessee. Code numbers refer to collection by L.A. Craven, P.A. Fryxell, J.M. Stewart. Received August 1985.

CFS-21. Australia. Collected May 22, 1985. Sainta Teresa Rd near Airport, 15km S of Alice Springs. Growing in Acacia shrubland on red-brown loam. Subshrubs to 1 m tall. Local type. Stems in clumps. Flowers mauve. Regeneration from root crown after drought. Wild. Seed.

499769 TO 499770. Gossypium cf. populifolium (Benth.) F. Muell. (Malvaceae).

From United States. Donated by Stewart, J.M.; USDA-ARS, Department of Plant and Soil Sciences, University of Tennessee; Knoxville, Tennessee. Code numbers refer to collection by L.A. Craven, P.A. Fryxell, J.M. Stewart. Received August 1985.

499769. CFS-84. Australia. Latitude: 14 deg 31 m S; Longitude: 126 deg 05 m E. Collected June 14, 1985. Southeast of Port Warrender and N of Lawley River, Kimberleys, W.A. Growing in Eucalyptus open woodland on sandy soil with sandstone outcropping. Plants prostrate, similar to Gossypium populifolium except capsules small with 2 seeds/ locule. Leaves may be larger, more cordate. Wild. Seed.

499770. CFS-86. Australia. Latitude: 14 deg 11 m S; Longitude: 126 deg 10 m E. Collected June 14, 1985. Cape Bougainville Peninsula, E shore of Admiralty Gulf, Kimberleys, W.A. Growing in Eucalyptus woodland on sandstone outcropping. Plants prostrate, similar to Gossypium populifolium except capsules small with 2 seeds/ locule. Leaves may be larger, more cordate. Wild. Seed.

499771 TO 499772. Gossypium costulatum Todaro (Malvaceae).

From United States. Donated by Stewart, J.M.; USDA-ARS, Department of Plant and Soil Sciences, University of Tennessee; Knoxville, Tennessee. Code numbers refer to collection by L.A. Craven, P.A. Fryxell, J.M. Stewart. Received August 1985.

499771. CFS-40. Australia. Collected May 30, 1985. Trent River valley, 10km WNW of Kimbolton Station, Yampi Peninsula, W.A. Growing in Eucalyptus miniata woodland with sorghum on decomposed sandstone. Subshrub perennial, multistemed, erect to reclining or procumbent. Flowers white, fading to pink with red center. Capsules scarce, mature. Seeds few, obtained from capsules or ground. Wild. Seed.

499772. CFS-44. Australia. Collected June 02, 1985. Koolan Island, Yampi Sound, Western Australia. Growing in woodland. Subshrub perennial, multistemmed, erect to reclining, as length increases. Flowers white with red petal spots. Capsules heavily infested with worm similar to pink boll worm. Wild. Seed.

499773 TO 499778. Gossypium cunninghamii Todaro (Malvaceae).

From United States. Donated by Stewart, J.M.; USDA-ARS, Department of Plant and Soil Sciences, University of Tennessee; Knoxville, Tennessee. Code numbers refer to collection by L.A. Craven, P.A. Fryxell, J.M. Stewart. Received August 1985.

499773. CFS-106. Australia. Latitude: 11 deg 09 m S; Longitude: 132 deg 09 m E. Collected June 24, 1985. East of Black Point, 2km, Cobourg Peninsula, Northern Territory.

499773 TO 499778-continued

Growing in Eucalyptus tetradonta woodland on laterite. Subshrub perennial, 0.5 to 1 m tall, multistemmed, suberect to reclining. Leaves pinnately veined. Calyx exceeding the capsule. Flowers white with red center. Seeds arillate. Wild. Seed.

499774. CPS-107. Australia. Latitude: 11 deg 13 m S; Longitude: 132 deg 05 m E. Collected June 25, 1985. East shore of Port Essington, Turtle Point, Cobourg Peninsula, N.T. Growing in open Eucalyptus woodland on laterite. Subshrub perennial, 0.5 to 1 m tall, multistemmed, suberect to reclining. Leaves pinnately veined. Calyx exceeding the capsule. Flowers white with red center. Seed arillate. Wild. Seed.

499775. CPS-108. Australia. Latitude: 11 deg 13 m S; Longitude: 132 deg 05 m E. Collected June 25, 1985. East shore of Port Essington, Table Head, Cobourg Peninsula, N.T. Growing in Eucalyptus tetradonta-blesseri woodland on laterite. Subshrub perennial, 0.5 to 1 m tall, multistemmed, suberect to reclining. Leaves pinnately veined. Calyx exceeding the capsule. Flowers white with red center. Seeds arillate. Wild. Seed.

499776. CPS-109. Australia. Latitude: 11 deg 12 m S; Longitude: 132 deg 15 m E. Collected June 26, 1985. West shore of Port Bremer, 1 km S of Lizard Bay, Cobourg Peninsula, N.T. Growing in sandy gray loam. Subshrub perennial, 0.5 to 1 m tall, multistemmed, suberect to reclining. Leaves pinnately veined. Calyx exceeding the capsule. Flowers white with red center. Seeds arillate. Wild. Seed.

499777. CPS-110. Australia. Latitude: 11 deg 16 m S; Longitude: 132 deg 23 m E. Collected June 26, 1985. West shore of Raffles Bay, 7km S of D'Urville Point, Cobourg Peninsula, N.T. Growing in Eucalyptus tetradonta miniata woodland on brown loam. Subshrub perennial 0.5 to 1 m tall, multistemmed, suberect to reclining. Leaves pinnately veined. Calyx exceeding the capsule. Flowers white with red center. Seeds arillate. Wild. Seed.

499778. CPS-111. Australia. Latitude: 11 deg 21 m S; Longitude: 132 deg 32 m E. Collected June 26, 1985. Shore of Bowen Strait, 2km W of Irgul Point, Cobourg Peninsula, N.T. Growing in Eucalyptus tetradonta woodland on gray loam over white clay with laterite. Subshrub perennial 0.5 to 1 m tall, multistemmed, suberect to reclining. Leaves pinnately veined. Calyx exceeding the capsule. Flowers white with red center. Seeds arillate. Wild. Seed.

499779 TO 499781. Gossypium hirsutum L. (Malvaceae) Upland cotton.

From United States. Donated by Stewart, J.M.; USDA-ARS,

499779 TO 499781-continued
Department of Plant and Soil Sciences, University of Tennessee; Knoxville, Tennessee. Code numbers refer to collection by L.A. Craven, P.A. Fryxell, J.M. Stewart. Received August 1985.

499779. CFS-5. Australia. Collected May 19, 1985. Dooryard, Railway Rd, Larrimah, Northern Territory. Plants 1-2m tall, spreading. Flowers and fruits in all stages of maturity, buds to open bolls. Cultivated. Seed.

499780. CFS-43. Australia. Collected June 01, 1985. Roadside, Koolan Island Community, Western Australia. Plants perennial, escaped, to 1.5m tall. Flowers cream colored with no petal spot. Wild. Seed.

499781. CFS-113. Australia. Collected June 24, 1985. Black Point Ranger Station, Cobourg Peninsula, Northern Territory. Growing at edge of monsoon forest. Shrub perennial, to 0.5m tall. No flowers. Capsules with 3-4 locules, maturing. Lint white. Probably feral from British settlement in the port Essington area in 1840. Abandoned after 6-7 years. Wild. Seed.

499782 TO 499784. Gossypium nelsonii Fryxell (Malvaceae).

From United States. Donated by Stewart, J.M.; USDA-ARS, Department of Plant and Soil Sciences, University of Tennessee; Knoxville, Tennessee. Code numbers refer to collection by L.A. Craven, P.A. Fryxell, J.M. Stewart. Received August 1985.

499782. CFS-10. Australia. Latitude: 23 deg 35 m S; Longitude: 133 deg 41 m E. Collected May 21, 1985. Painter Springs, Hamilton Downs Homestead, 41.6km NW Alice Springs, N.T. Growing among granite boulders on hill above springs. Shrub to 1.5m tall. No open flowers. Capsules numerous, opening. Wild. Seed.

499783. CFS-18. Australia. Collected May 22, 1985. North end of Ormiston Gorge, 130km W of Alice Springs, N.T. Growing in River sand and boulders with G. australe and G. sturtianum. Shrubs to 1.5m tall. No flowers. Few capsules. Wild. Seed.

499784. CFS-22. Australia. Collected May 23, 1985. South of Harts Range Course and W of track, 4.8km off Plenty Hwy, N.T. Growing along drainage ways, outwash from igneous rock mountains. Shrubs perennial to 1.5m tall. No flowers. Many capsules. Wild. Seed.

499785 TO 499786. Gossypium pilosum Fryxell (Malvaceae).

From United States. Donated by Stewart, J.M.; USDA-ARS, Department of Plant and Soil Sciences, University of Tennessee; Knoxville, Tennessee. Code numbers refer to collection by L.A. Craven, P.A. Fryxell, J.M. Stewart. Received August 1985.

499785. CFS-76. Australia. Latitude: 14 deg 33 m S; Longitude: 125 deg 51 m E. Collected June 11, 1985. Hillside above beach, Walsh Point, Kimberleys, W.A. Growing in grass with Eucalyptus on rocky sandstone. Subshrub erect to ascending, long pilose hairs on stems and bracts. No flowers. Capsules maturing, few present. Wild. Seed.

499786. CFS-79. Australia. Collected June 12, 1985. Mitchell Plateau, 16km N of mining camp, Kimberleys, W.A. Growing in Eucalyptus tetradonta miniata woodland in lateritic soil. Subshrub suberect to erect, multistemmed. Stems and bracts pilose. Wild. Seed.

499787 TO 499797. Gossypium populifolium (Benth.) F. Muell. (Malvaceae).

From United States. Donated by Stewart, J.M.; USDA-ARS, Department of Plant and Soil Sciences, University of Tennessee; Knoxville, Tennessee. Code numbers refer to collection by L.A. Craven, P.A. Fryxell, J.M. Stewart. Received August 1985.

499787. CFS-37. Australia. Collected May 29, 1985. North of Broome, 16km and east of Broome, 10km, W.A. Growing in Acacia scrubland in sandy soil. Plants prostrate with numerous stems from central crown (lignotuber). Flowers white to pink with red center. Wild. Seed.

499788. CFS-54. Australia. Latitude: 16 deg 33 m S; Longitude: 126 deg 11 m E. Collected June 05, 1985. Jct. of Gibb River Rd and Track to Mt. Elizabeth Homestead. Growing in Eucalyptus woodland in sandy loam mixed with laterite. Subshrub perennial, prostrate, annual regrowth from woody rootstock. No flowers. Capsules few due to low rainfall during wet season. Wild. Seed.

499789. CFS-55. Australia. Collected June 05, 1985. South of Jct. of Gibb River Rd and Kalumburu Rd, Kimberleys, W.A. Growing in Eucalyptus woodland. Subshrub perennial, prostrate, annual regrowth from woody rootstock. Few flowers. Capsules few due to low rainfall during wet season. Pink bollworm in some capsules. Mature seeds harvested by some fauna. Wild. Seed.

499790. CFS-56. Australia. Collected June 06, 1985. By Kalumburu

Rd, 0.5km N of Drysdale River, Kimberleys, W.A. Growing in Eucalyptus woodland in yellow brown sandy loam. Plants perennial subshrub, prostrate, annual regrowth from woody rootstock. No flowers. Capsules few due to low rainfall during wet season. Seeds harvested by large black ants. Wild. Seed.

499791. CFS-58. Australia. Collected June 06, 1985. Kalumburu Rd, 37km N of Drysdale River crossing. Growing in Eucalypt-palm forest, in laterite. Subshrub perennial, prostrate, annual regrowth from woody rootstock. No flowers. Capsules few due to low rainfall during wet season. Seeds with more minute hairs than previous collections. Wild. Seed.

499792. CFS-66. Australia. Latitude: 15 deg 35 m S; Longitude: 124 deg 46 m E. Collected June 09, 1985. North of Glenelg River, Kimberleys, Western Australia. Growing in Gray Box, Terminalia woodland on black loam over basalt. Plants multistemmed, prostrate, nearly glabrous. Leaves cordate. Flowers white with red center. Wild. Seed.

499793. CFS-68. Australia. Latitude: 14 deg 40 m S; Longitude: 125 deg 41 m E. Collected June 10, 1985. Mitchell River and Mitchell Plateau, Kimberleys, W.A. Growing in Eucalyptus tetradonta miniata woodland, on sandstone outcropping overlying sandy soil. Subshrub perennial prostrate, glabrous. No flowers. Capsules maturing. Wild. Seed.

499794. CFS-69. Australia. Latitude: 14 deg 57 m S; Longitude: 125 deg 44 m E. Collected June 10, 1985. Mitchell River south of Mitchell Plateau, Kimberleys, W.A. Growing in Eucalyptus woodland, on sandstone outcrop with laterite. Subshrub prostrate perennial with some minute hairs. No flowers. Capsules maturing. Wild. Seed.

499795. CFS-70. Australia. Latitude: 15 deg 05 m S; Longitude: 125 deg 41 m E. Collected June 10, 1985. South of Mitchell River, 12km W of Mitchell River Homestead. Growing in laterite. Subshrub prostrate perennial, hairy. No flowers. Capsules maturing. Wild. Seed.

499796. CFS-72. Australia. Latitude: 15 deg 10 m S; Longitude: 125 deg 50 m E. Collected June 10, 1985. South of Mitchell River, 3km and 8km SE of Mitchell River Homestead. Growing in Eucalyptus woodland on laterite. Subshrub prostrate perennial, glabrous. No flowers. Capsules maturing. Wild. Seed.

499797. CFS-73. Australia. Latitude: 15 deg 11 m S; Longitude: 126 deg 10 m E. Collected June 10, 1985. West shore of King Edward River, Doongan Station, Kimberleys, W.A.

499787 TO 499797-continued

Growing in Eucalyptus tetradonta miniata open forest on yellow sand. Subshrub prostrate perennial, glabrous. No flowers. Calyx large. Capsules maturing. Wild. Seed.

499798 TO 499801. Gossypium robinsonii F. v. Muell. (Malvaceae).

From United States. Donated by Stewart, J.M.; USDA-ARS, Department of Plant and Soil Sciences, University of Tennessee; Knoxville, Tennessee. Code numbers refer to collection by L.A. Craven, P.A. Fryxell, J.M. Stewart. Received August 1985.

499798. A113. Australia. Canberra. CSIRO. Collected October 22, 1981. Newman Rd, Wittenoon, Western Australia. Wild. Seed.

499799. A115. Australia. Canberra. CSIRO. Collected October 23, 1981. Rio Tinto Gorge, Wittenoon, Western Australia. Wild. Seed.

499800. A118. Australia. Canberra. CSIRO. Collected October 22, 1981. East of Wittenoon, 20km, Western Australia. Wild. Seed.

499801. A119. Australia. Canberra. CSIRO. Collected October 28, 1985. South of Exmouth, 15km, Western Australia. Wild. Seed.

499802 TO 499809. Gossypium sp. (Malvaceae) Cotton.

From United States. Donated by Stewart, J.M.; USDA-ARS, Department of Plant and Soil Sciences, University of Tennessee; Knoxville, Tennessee. Code numbers refer to collection by L.A. Craven, P.A. Fryxell, J.M. Stewart. Received August 1985.

499802. CFS-62. Australia. Collected June 08, 1985. East of York Sound, 48km SW of Mitchell Plateau mining camp, Kimberleys,W.A. Growing in Eucalyptus miniata tetradonta forest, on lateritic sandy gray soil. Subshrub perennial, multistemmed, erect to 1 m tall. Flowers white with deep red center. Capsules immature. Undescribed species. Wild. Seed.

499803. CFS-75. Australia. Latitude: 14 deg 31 m S; Longitude: 125 deg 48 m E. Collected June 11, 1985. West of Port Warrender, 8km SW of Crystal Head, 6km NW of MacGregor Point. Growing in Gray Box, terminalia woodland on black sandy loam overlying sandstone. Subshrub perennial, with numerous stems, erect or ascending to sometimes decumbent. Peduncles long, articulated near stem. Flowers white with red center. Possibly a new species. Wild. Seed.

499802 TO 499809-continued

499804. CFS-77. Australia. Collected June 12, 1985. Mitchell Plateau, 1.5km N of mining camp, Kimberleys, W.A. Growing in Eucalyptus, Livistona woodland, on laterite. Subshrub prostrate to ascending, multistemmed. Few flowers, white with red center. Capsules numerous, maturing. Wild. Seed.

499805. CFS-78. Australia. Collected June 12, 1985. Mitchell Plateau, 11km N of mining camp, Kimberleys, W.A. Growing in Eucalyptus, Livistona woodland, on laterite. Subshrub prostrate to ascending, multistemmed. Few flowers, white with red center. Capsules numerous, maturing. Wild. Seed.

499806. CFS-91. Australia. Latitude: 14 deg 03 m S; Longitude: 127 deg 25 m E. Collected June 16, 1985. Southeast of mouth of King George River, 10km, Kimberleys, W.A. Growing in Eucalyptus woodland with sorghum, surrounding small swamp, on laterite. Subshrub perennial, multistemmed, erect. Flowers pink to white with red center. Similar to G. pulchellum, but with different calyx and larger capsule. Wild. Seed.

499807. CFS-92. Australia. Latitude: 14 deg 06 m S; Longitude: 127 deg E. Collected June 16, 1985. Jos. Bonaparte Gulf, 10km SSE of Cape Bernier, Kimberleys, W.A. Growing in Gray Box woodland on basalt. Subshrub perennial, multistemmed, erect, robust. Leaves large, up to 12.5cm. Flowers pink to white with red center. Similar to G. pulchellum, but with different calyx and larger capsule. Eastern most extension of Gossypium in the Kimberleys yet found. Wild. Seed.

499808. CFS-97. Australia. Collected June 17, 1985. Morgan River near Theda Station Homestead, Kimberleys, W.A. Subshrub perennial, prostrate to ascending, multistemmed, regrowth during wet season from rootstock. Leaves cordate. Capsules with 3-4 locules and 3-4 seeds per locule. Wild. Seed.

499809. CFS-116. Australia. Latitude: 14 deg 58 m S; Longitude: 125 deg 34 m E. Collected June 09, 1985. East of Donkin's Hill, 6km, Kimberleys, W.A. Growing in Eucalyptus miniata tetradonta woodland on laterite. Plants perennial , multistemmed erect. Flowers white fading to pink with red center. Possibly new species. Wild. Seed.

499810 TO 499812. Gossypium sturtianum J. H. Willis (Malvaceae).

From United States. Donated by Stewart, J.M.; USDA-ARS, Department of Plant and Soil Sciences, University of Tennessee; Knoxville, Tennessee. Code numbers refer to collection by L.A. Craven, P.A. Fryxell, J.M. Stewart.

499810 TO 499812-continued
Received August 1985.

499810. CFS-14. Australia. Collected May 21, 1985. Ochre Pits, Namatjira Dr., 22km E of Glen Helen, Northern Territory. Growing on alluvial creek bank. Plants severely stressed, to 1 m tall. Few remnant seed in capsules. Wild. Seed.

499811. CFS-15. Australia. Collected May 22, 1985. Along Ormiston Creek, 130km W of Alice Springs. Northern Territory. Growing on sandy outwash from Ormiston Gorge. Plants to 1.5m tall, shrub. Flowers mauve with deep red throat. Capsule mostly opened. Local name Sturt's Desert Rose. Wild. Seed.

499812. CFS-23. Australia. Collected May 24, 1985. Roadside near Charles Creek, 98km NW of Alice Springs on Tanami Track, N.T. Shrub to 1.5m tall, aromatic. Flowers mauve with red throat. Capsules maturing. Seed from one plant. Local name Sturt's Desert Rose. Wild. Seed.

499813. Hibiscus syriacus L. (Malvaceae) Shrub althea.

From United States. Donated by Egolf, D.R.; U.S. National Arboretum; Washington, D.C.
Received October 1985.

NA-54984. Minerva. United States. Triploid. Plant 2.6m high, 2m wide in 14 years. Habit compact, branched. Leaves heavy, dark green. Flowers firm-textured, widespreading, ruffled, violet with dark red purple eye spot. Hardy to zone 5b. Cultivar. Seed.

499814 TO 499827. Lagerstroemia hybrid (Lythraceae).

From United States. Donated by Egolf, D.R.; U.S. National Arboretum; Washington, D.C.
Received October 1985.

499814. NA-48471. Tuskegee. United States. Dallas Red (L. indica)/Basham's Party Pink (L. indica/L. fauriei). Plant 4.4m high, 5.5m wide in 17 years. Habit horizontal branching. Trunk light gray. Flowers dark pink. Hardy to zone 7b. Mildew resistant. Tree. Cultivar. Plants.

499815. NA-48472. Acoma. United States. Pink Ruffle (L. indica)/ /L. indica/L. fauriei. Plants semi-pendulous and semi-dwarf, 3m high, 3.4m wide in 15 years. Trunk light gray. Inflorescence pendulous. Flowers white. Hardy to zone 7b. Mildew resistant. Cultivar. Plants.

499816. NA-52711. Hopi. United States. Pink Lace (L. indica)/L.

499814 TO 499827-continued
fauriei//Alba Nana (L. indica). Plant semi-dwarf, 2.3m high, 3m wide in 12 years. Trunk light gray-brown. Flowers medium pink. Hardy to zone 7b. Mildew resistant. Cultivar. Plants.

499817. NA-52714. Miami. United States. Pink Lace (L. indica)/L. fauriei///Firebird(L. indica)//L.indica/L. fauriei. Plant 4.9m high, 2.6m wide in 12 years. Trunk medium to dark brown. Flowers dark pink. Hardy to zone 7b. Mildew resistant. Tree. Cultivar. Plants.

499818. NA-54971. Sioux. United States. See narrative for pedigree. Tiny Fire (L. indica)//L. indica/L. fauriei/ //Pink Lace (L. indica)/L. fauriei//Catawba (L. indica). Plant intermediate, 4.4m high, 3.6m wide in 10 years. Trunk light gray. Flowers dark pink. Hardy to zone 7b. Mildew resistant. Cultivar. Plants.

499819. NA-54973. Wichita. United States. Pink Lace(L. indica)/L. fauriei///Firebird(L. indica)//L. indica/L. fauriei. Plant 5m high, 2.7m wide in 12 years. Trunk dark brown. Flowers light pink. Hardy to zone 7b. Mildew resistant. Tree. Cultivar. Plants.

499820. NA-54974. Biloxi. United States. Dwarf Red (L. indica)/L. fauriei)//Low Flame (L. indica)/L. fauriei. Plant 6.1m high, 3.6m wide in 12 years. Trunk dark brown. Flowers pale pink. Hardy to zone 7b. Mildew resistant. Tree. Cultivar. Plants.

499821. NA-54975. Yuma. United States. See narrative for pedigree. Pink Lace (L. indica)/L. fauriei)///L. amabilis/ /Hardy Light Pink (L. indica)/Red (L. indica). Plant intermediate, 4m high, 3.6m wide in 12 years. Trunk light gray. Inflorescence large. Flowers medium lavender. Hardy to zone 7b. Mildew resistant. Cultivar. Plants.

499822. NA-54976. Comanche. United States. Dark Red (L. indica)/ /L. indica/L. fauriei. Plant intermediate, 3.5m high, 3.8m wide in 15 years. Trunk light brown. Inflorescence large. Flowers medium lavender. Hardy to zone 7b. Mildew resistant. Cultivar. Plants.

499823. NA-54977. Pecos. United States. Dwarf Red (L. indica)/L. fauriei//Dark Red (L. indica)/L. fauriei. Plant semi-dwarf, 2.4m high, 1.8m wide in 12 years. Trunk dark brown. Flowers clear medium, pink. Hardy to zone 7b. Mildew resistant. Cultivar. Plants.

499824. NA-54978. Lipan. United States. See narrative for pedigree. Pink Lace (L. indica)/L. fauriei///Red (L. indica)/Carolina Beauty (L. indica)///Basham's Party Pink (L. indica/L. fauriei). Plant intermediate, 4m high, 4m wide in 12 years. Trunk near white. Flowers medium lavender. Hardy to zone 7b. Mildew resistant. Cultivar. Plants.

499825. NA-54979. Apalachee. United States. Azuka Dwarf Hybrid (L. indica)/L. fauriei. Plant intermediate, 3.8m high, 2.6m wide in 12 years. Trunk medium to dark brown. Flowers light lavender. Hardy to zone 7b. Mildew resistant. Cultivar. Plants.

499826. NA-54980. Osage. United States. Dwarf Red (L. indica)/L. fauriei//Pink Lace (L. indica)/L. fauriei. Plant intermediate, 3.7m high, 3m wide in 12 years. Trunk dark brown. Inflorescences pendulous. Flowers clear medium pink. Hardy to zone 7b. Mildew resistant. Cultivar. Plants.

499827. NA-54982. Zuni. United States. Dwarf Red (L. indica)/L. fauriei//Low Flame (L. indica). Plant semi-dwarf, 2.7m high, 2.4m wide. Trunk light gray. Flowers medium lavender. Hardy to zone 7b. Mildew resistant. Cultivar. Plants.

499828. Malus halliana Koehne (Rosaceae) Hall crabapple.

From United States. Donated by Egolf, D.R.; U.S. National Arboretum; Washington, D.C.
Received October 1985.

NA-54943. Adirondack. United States. Plant seedling selection, upright, densely branched, compact, 3.7m high, 2m wid e in 13 years. Leaves heavy, dark green. Buds dark rose pink that open blush white. Fruit 1.3cm-1.5cm diameter, red with orange-red underside. Hardy to zone 4. Resistant to fire blight, scab, cedar apple rust, and mildew. Cultivar. Plants.

499829. Malus hybrid (Rosaceae).

From United States. Donated by Egolf, D.R.; U.S. National Arboretum; Washington, D.C.
Received October 1985.

NA-54936. Naragansett. US Malus hybrid No. 28/Wintergold (M. sp.). Plant 4m high, 3m wide in 12 years. Crotch angle branches strong. Leaves heavy, dark green, persist late in Fall. Buds dark rose to red that open white with red reverse. Fruit 1.5cm-2cm diameter, bright red with orange-red underside. Hardy to zone 4. Resistant to fire blight, scab, cedar apple rust, and mildew. Cultivar. Plants.

499830 TO 499831. Pyracantha sp. (Rosaceae).

From United States. Donated by Egolf, D.R.; U.S. National Arboretum; Washington, D.C.
Received October 1985.

499830. NA-48239. Pueblo. United States. Belli (P. koidzumi)/P. coccinea var. pauciflora. Shrub dwarf, 2.1m high, 3.6m wide in 16 years, growth horizontal. Flowers large. Fruit orange-red persisting on plant until early winter. Hardy to zone 7b. Resistant to scab and fire blight. Cultivar. Plants.

499831. NA-48240. Apache. United States. Rosedale (P. koidzumi)/ Orange Glow (P. fortuneana). Shrub dwarf, dense, compact, 1.5m high, 2.1m wide in 14 years. Leaves small, heavy, dark green, evergreen in Washington, D.C. area. Fruit dark red in tight clusters. Hardy to zone 7b. Resistant to scab and fire blight. Cultivar. Plants.

499832 TO 499833. Viburnum hybrid (Caprifoliaceae).

From United States. Donated by Egolf, D.R.; U.S. National Arboretum; Washington, D.C.
Received October 1985.

499832. NA-54985. Huron. United States. V. lobophyllum/V. japonicum. Plant densely branched, multiple-stemmed, 2.2m high, 2.8m wide in 12 years. Leaves semi-evergreen, heavy-textured, 10-20cm long, 5-15cm wide, ovate, dark green turning rich red purple in autumn. Flowers cream-white. Inflorescence 10-16cm diameter. Fruit bright red that persists until midwinter. Hardy to zone 7. Cultivar. Plants.

499833. NA-54986. Chippewa. United States. V. japonicum/Catskill (V. dilatatum). Plant vigorous, dense, multiple-stemmed, 2.5m high, 3.0m wide in 17 years. Leaves semi-evergreen, glossy, subcoriaceous, 12-22cm long, 6-15cm wide, ovate, dark green turning maroon to bright red in autumn. Flowers cream-white. Inflorescence 10-18cm diameter. Fruit abundant, bright red that persists until mid-winter. Hardy to zone 7. Cultivar. Plants.

499834. Viburnum hybrid (Caprifoliaceae).

From United States. Donated by Egolf, D.R.; U.S. National Arboretum; Washington, D.C.
Received October 1985.

NA-57259. Conoy. United States. V. utile/Park Farm (V. x burkwoodii). Plant 1.5m high, 2.4m wide in 17 years.

499834-continued

Branches dense. Leaves heavy-textured, glossy, dark green. Buds dark pink. Flowers white. Fruit light red for 4 weeks in August. Hardy to zone 5b. Cultivar. Plants.

499835. Viburnum plicatum Thunb. f. tomentosum (Thunb.) Rehd. (Caprifoliaceae).

From United States. Donated by Egolf, D.R.; U.S. National Arboretum; Washington, D.C.
Received October 1985.

NA-48242. Shoshoni. United States. Seedling selection from Shasta (V. plicatum f. tomentosum). Plant dwarf, dense growth habit, 1.2m high, 2.4m wide in 17 years. Inflorescence abundant, small, flat with pure white sterile marginal florets. Fruit scarlet in late July and August. Foliage intense plum colored for extended period in autumn. Adaptable for home landscape. Hardy to zone 5b. Cultivar. Plants.

499836 TO 499859. Gossypium arboreum L. (Malvaceae) Ceylon cotton.

From Soviet Union. Donated by VIR; Leningrad.
Received August 1985.

499836. AK-4. India. Cultivar. Seed.

499837. BA - 2W. India. Cultivar. Seed.

499838. Bani. India. Cultivar. Seed.

499839. C-7058. Soviet Union. Uzbek SSR. Cultivar. Seed.

499840. Cocandas. India. Cultivar. Seed.

499841. COS. India. Selfed, mixed. Cultivar. Seed.

499842. CV 2557. Soviet Union. CSSR. Cultivar. Seed.

499843. Netherlands. Local name Hlopchatnik (cotton). Cultivated. Seed.

499844. Korea. Local name Hlopchatnik (cotton). Cultivated. Seed.

499845. Pakistan. Local name Hlopchatnik (cotton). Cultivated. Seed.

499846. Trinidad and Tobago. Local name Hlopchatnik (cotton). Cultivated. Seed.

499847. Line 0-1423-2. Soviet Union. Uzbek SSR. Breeding

499836 TO 499859-continued
Material. Seed.

499848. Line O-1558-8. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499849. Line 01824 II - I. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499850. Local/Desi. India. Breeding Material. Seed.

499851. Manihur White ANCB. India. Cultivar. Seed.

499852. Million Dollar. China. Cultivar. Seed.

499853. Roseum. Pakistan. Cultivar. Seed.

499854. Sondanense. Soviet Union. CSSR. Cultivar. Seed.

499855. Type 8. India. Cultivar. Seed.

499856. Verum 434. India. Cultivar. Seed.

499857. Westerns - I. India. Cultivar. Seed.

499858. Wightianum Tod. Netherlands. Cultivar. Seed.

499859. Soviet Union. CSSR. Race sinense. Cultivated. Seed.

499860 TO 499903. Gossypium herbaceum L. (Malvaceae) Levant cotton.

From Soviet Union. Donated by VIR; Leningrad.
Received August 1985.

499860. 39MPAK Punjab 139. Pakistan. Cultivar. Seed.

499861. Darwart. India. Cultivar. Seed.

499862. Afghanistan. Guza. Cultivated. Seed.

499863. Soviet Union. Guza, Turkmen SSR. Cultivated. Seed.

499864. Soviet Union. Guza, Uzbek SSR. Cultivated. Seed.

499865. Soviet Union. Guza, Uzbek SSR. Cultivated. Seed.

499866. Afghanistan. Local name Hlopchatnik (cotton). Cultivated. Seed.

499867. China. Local name Hlopchatnik (cotton). Cultivated. Seed.

499868. Germany. Local name Hlopchatnik (cotton). Cultivated. Seed.

499869. Iran. Local name Hlopchatnik (cotton). Cultivated. Seed.

499870. Iran. Local name Hlopchatnik (cotton). Cultivated. Seed.

499871. Pakistan. Local name Hlopchatnik (cotton). Cultivated. Seed.

499872. Switzerland. Local name Hlopchatnik. Cultivated. Seed.

499873. Turkey. Local name Hlopchatnik (cotton). Cultivated. Seed.

499874. Turkey. Local name Hlopchatnik (cotton). Cultivated. Seed.

499875. Turkey. Local name Hlopchatnik (cotton). Cultivated. Seed.

499876. Turkey. Local name Hlopchatnik (cotton). Cultivated. Seed.

499877. Turkey. Local name Hlopchatnik (cotton). Cultivated. Seed.

499878. Turkey. Local name Hlopchatnik (cotton). Cultivated. Seed.

499879. Soviet Union. Uzbek SSR. Local name Hlopchatnik (cotton). Cultivated. Seed.

499880. Kapos Boelae Kolling. Indonesia. Cultivar. Seed.

499881. Krasnyj hlopchatnik. Afghanistan. Cultivar. Seed.

499882. Line O-1797-2-26. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499883. Line O-1841-2-8. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499884. Line O-1845-3-4. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499885. Line O-1848-9-1. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499886. Line O-1895-2-8. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499887. Line O-2046-3-8. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499888. Line 02311-2. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499889. Line 3023. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499890. Line 3856. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499891. Line 4209. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499892. Line 4241. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499893. Line 4463. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499894. Line 4767. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499895. Line 4853. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499896. Line 4955. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499897. Line 4959. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499898. Line 5825. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499899. Line 6969. Soviet Union. Uzbek SSR. Breeding Material. Seed.

499900. Malla guza. Soviet Union. Uzbek SSR. Cultivar. Seed.

499901. Mestnyj Hlopchatnik. Pakistan. Cultivar. Seed.

499902. Pembe. Afghanistan. Cultivar. Seed.

499903. Rustam 65. Iran. Cultivar. Seed.

499904 TO 499907. Glycine canescens F. J. Hermann (Fabaceae).

From Australia. Donated by Lawn, R.J.; Division of Tropical Crops and Pastures, CSIRO; St. Lucia, Queensland.
Received October 1985.

499904. 534. Australia. Latitude: 26 deg 25 m S; Longitude: 146

499904 TO 499907-continued

deg 36 m E. Collected May 20, 1982. Poplar box country, brown clayey sand, 38km E of Charleville. 300m. Other identification CQ1857, BH157. Collected by J.B. Hacker. Wild. Seed.

499905. 535. Australia. Collected February 1983. Cobham Lake, near Condoblin, New South Wales. Other identification CQ1908, BH242. Collected by J.B. Hacker. Wild. Seed.

499906. 546. Australia. Latitude: 26 deg 25 m S; Longitude: 146 deg 36 m E. Collected May 20, 1982. Roadside ditch, brown clayey sand, 38km E of Charleville on Warrego Hwy. 300m. Other identification CQ1858, BH158. Collected by J.B. Hacker. Habitat poplar box country. Wild. Seed.

499907. 565. Australia. Latitude: 23 deg 17 m S; Longitude: 144 deg 07 m E. Collected April 12, 1984. Tableland, stony hill with red stones, Leander Stn., 27km NW of Longreach. 210m. Other identification CQ2312. Collected by R.G. Greenfield. Wild. Seed.

499908 TO 499913. Glycine clandestina Wendl. (Fabaceae).

From Australia. Donated by Lawn, R.J.; Division of Tropical Crops and Pastures, CSIRO; St. Lucia, Queensland.
Received October 1985.

499908. 501. Australia. Latitude: 29 deg 39 m S; Longitude: 150 deg 50 m E. Delungra, New South Wales. 600m. Other identification CQ2268. Seed.

499909. 522. Other identification CQ2321,G5,G14,G19,246-590. Seed.

499910. 526. Collected May 29, 1964. Other identification CQ2291,G15. Seed.

499911. 527. Other identification CQ2322, C1149,G16. Seed.

499912. 554. Australia. Latitude: 25 deg 13 m S; Longitude: 152 deg 08 m E. Collected July 06, 1983. Sandy loam, roadside bank, Bruce Hwy, Childers-Gin Gin, 12km E of Booyal. 110m. Other identification CQ1952, BH311. Collected by J.B. Hacker. Wild. Seed.

499913. 562. Australia. Latitude: 26 deg 53 m S; Longitude: 151 deg 37 m E. Collected June 07, 1983. Roadside forest, Bunya Mountains. 1000m. Other identification CQ1943, BH294. Collected by J.B. Hacker. Loam ph 6.0. Wild. Seed.

499914 TO 499915. Glycine falcata Benth. (Fabaceae).

From Australia. Donated by Lawn, R.J.; Division of Tropical Crops and Pastures, CSIRO; St. Lucia, Queensland. Received October 1985.

499914. 523. Other identification CQ2288,G2. Seed.

499915. 524. Other identification CQ2289,G10. Seed.

499916 TO 499921. Glycine sp. (Fabaceae).

From Australia. Donated by Lawn, R.J.; Division of Tropical Crops and Pastures, CSIRO; St. Lucia, Queensland. Received October 1985.

499916. 537. Australia. Latitude: 11 deg 42 m S; Longitude: 142 deg 33 m E. Collected 1971. McDonnell, Cape York. 100m. Other identification TPI47. Collected by R. Reid. Wild. Seed.

499917. 541. Australia. Latitude: 26 deg 04 m S; Longitude: 152 deg 03 m E. Collected June 18, 1982. Roadside, in brown clay, Gayndah Road, 14km N of Goomeri. 250m. Other identification CQ1882, BH193. Collected by J.B. Hacker. Wild. Seed.

499918. 543. Australia. Latitude: 11 deg 39 m S; Longitude: 142 deg 51 m E. Collected June 11, 1975. Sand, headland at Captain Billy, Cape York. 10m. Other identification TPI83. Collected by R. Reid. Wild. Seed.

499919. 546. Australia. Latitude: 16 deg 57 m S; Longitude: 145 deg 25 m E. Collected April 03, 1975. Roadside, 8km N of Mareeba. 350m. Other identification TPI64. Collected by R. Reid. Wild. Seed.

499920. 571. Australia. Latitude: 28 deg 12 m S; Longitude: 153 deg 34 m E. Collected June 29, 1984. Sand dunes, 40m from beach, 2km N of Fingal, New South Wales. 3m. Other identification CQ2652. Collected by A.R. Watkinson. Wild. Seed.

499921. 574. Australia. Latitude: 27 deg 07 m S; Longitude: 152 deg 33 m E. Collected September 15, 1984. Eroded bank above roadway, Somerset Dam, Silverton Creek Bridge. 170m. Other identification CQ2742. Collected by R.J. Lawn and A. Cottrell. Plants growing in brown clay loam. Wild. Seed.

499922 TO 499932. Glycine tabacina (Labill.) Benth. (Fabaceae).

From Australia. Donated by Lawn, R.J.; Division of Tropical Crops

499922 TO 499932-continued
and Pastures, CSIRO; St. Lucia, Queensland.
Received October 1985.

499922. 504. Australia. Latitude: 19 deg 39 m S; Longitude: 146 deg 50 m E. Collected July 07, 1983. Grassland, in solodic clay, CSIRO, Woodstock. 70m. Other identification CQ2271. Collected by R.J. Lawn. Wild. Seed.

499923. 506. Australia. Latitude: 17 deg 03 m S; Longitude: 145 deg 34 m E. Collected July 10, 1983. Disturbed old roadway on basaltic verge, near Walkamin, Atherton tableland. 590m. Other identification CQ2273. Collected by R.J. Lawn. Wild. Seed.

499924. 507. Australia. Latitude: 18 deg 13 m S; Longitude: 147 deg 24 m E. Collected July 07, 1983. Base of granite rocks, in gravel, Arcadia beach, Magnetic Island. 3m. Other identification CQ2274. Collected by R.J. Lawn. Wild. Seed.

499925. 533. Australia. Latitude: 11 deg 42 m S; Longitude: 142 deg 33 m E. Collected 1971. McDonnell, Cape York. 100m. Other identification TPI46. Collected by R. Reid. Wild. Seed.

499926. 536. Australia. Latitude: 26 deg 33 m S; Longitude: 151 deg 08 m E. Collected June 15, 1982. Sandy roadside culvert, Munduberra Road, 72km N of Dalby. 350m. Other identification CQ1870, BH176. Collected by J.B. Hacker. Wild. Seed.

499927. 539. Australia. Latitude: 13 deg 27 m S; Longitude: 142 deg 57 m E. Collected July 22, 1983. River bank in sandy alluvium, Archer River crossing, Coen-Weipa Road. 180m. Other identification CQ2039, BH435. Collected by J.B. Hacker. Wild. Seed.

499928. 540. Australia. Latitude: 14 deg 11 m S; Longitude: 143 deg 15 m E. Collected July 29, 1983. Stringy bark woodland, sandy soil, Musgrave Road, 33km S of Coen. 200m. Other identification CQ2062, BH464. Collected by J.B. Hacker. Wild. Seed.

499929. 549. Australia. Latitude: 28 deg 03 m S; Longitude: 148 deg 34 m E. Collected May 11, 1982. Mown park lawn, in alluvium, silty loam, banks of Balonne River, St. George. 200m. Other identification CQ1801, BH84. Collected by J.B. Hacker. Wild. Seed.

499930. 561. Australia. Latitude: 20 deg 36 m S; Longitude: 145 deg 20 m E. Collected March 25, 1975. Grazed paddock, in red earth, Pentland railway bridge. 450m. Other identification TPI69. Collected by R. Reid. Wild. Seed.

499931. 563. Australia. Latitude: 17 deg 14 m S; Longitude: 145 deg 40 m E. Collected July 16, 1983. Roadside Eucalypt woodland, in pH 6.0 loam, Atherton Rd, 25km fr Gordonvale. 600m. Other identification CQ2005. BH390. Collected by J.B. Hacker. Wild. Seed.

499932. 564. Australia. Latitude: 12 deg 26 m S; Longitude: 142 deg 37 m E. Collected July 23, 1983. Roadside, Coen-bamage Rd., 6km N of Wenlock River Crossing. 100m. Other identification CQ2046, BH442. Collected by J.B. Hacker. Plants growing in stringybark-bloodwood woodland in sandy pH 6.5 soil. Wild. Seed.

499933 TO 499952. Glycine tomentella Hayata (Fabaceae).

From Australia. Donated by Lawn, R.J.; Division of Tropical Crops and Pastures, CSIRO; St. Lucia, Queensland.
Received October 1985.

499933. 511. Australia. Latitude: 18 deg 23 m S; Longitude: 146 deg 05 m E. Collected July 15, 1983. Creek bank in alluvial soil, Blady Grass Creek, Cardwell-Ingham Road. 10m. Other identification CQ2278. Collected by R.J. Lawn. Wild. Seed.

499934. 514. Australia. Latitude: 18 deg 16 m S; Longitude: 146 deg 02 m E. Collected July 14, 1983. Cardwell. 5m. Other identification CQ2281. Collected by R.J. Lawn. Wild. Seed.

499935. 515. Australia. Latitude: 16 deg 35 m S; Longitude: 145 deg 29 m E. Collected July 14, 1983. Seashore, in light solodic, rocky soil, 20km S of Port Douglas. 1m. Other identification CQ2282. Collected by R.J. Lawn. Wild. Seed.

499936. 516. Australia. Latitude: 17 deg 41 m S; Longitude: 145 deg 07 m E. Collected July 11, 1983. Disturbed roadside, in solodic soil, Mt. Garnet. 700m. Other identification CQ2283. Collected by R.J. Lawn. Wild. Seed.

499937. 517. Australia. Latitude: 17 deg 03 m S; Longitude: 145 deg 34 m E. Collected July 10, 1983. Disturbed roadside, in basaltic verge, Walkamin. 590m. Other identification CQ2284. Collected by R.J. Lawn. Wild. Seed.

499938. 518. Australia. Latitude: 18 deg 12 m S; Longitude: 147 deg 25 m E. Collected July 07, 1983. Slashed area, sand dune, Nelly Bay, Magnetic Island. 2m. Other identification CQ2285. Collected by R.J. Lawn. Wild. Seed.

499939. 520. Australia. Latitude: 21 deg 10 m S; Longitude: 149 deg 10 m E. Collected July 03, 1983. Sand dunes by sheashore, Slade Point, Mackay. 1m. Other identification CQ2287. Collected by R.J. Lawn. Wild. Seed.

499940. 521. Australia. Latitude: 29 deg 39 m S; Longitude: 150 deg 50 m E. Delungra, New South Wales. 600m. Other identification SCS3701, G1. Seed.

499941. 525. Other identification CQ2290, G22. Seed.

499942. 528. Australia. Latitude: 29 deg 39 m S; Longitude: 150 deg 50 m E. Delungra, New South Wales. 600m. Other identification SCS2300,G18. Seed.

499943. 529. Australia. Yallaroi, New South Wales. Other identification SCS3712,G17. Seed.

499944. 530. Australia. Latitude: 22 deg 50 m S; Longitude: 147 deg 38 m E. Clermont, Queensland. 270m. Other identification CQ2292,G21. Wild. Seed.

499945. 531. Other identification CQ2293,G23. Seed.

499946. 532. Australia. Latitude: 26 deg 36 m S; Longitude: 148 deg 20 m E. Collected May 20, 1982. Grassland, in heavy brown cracking clay, 44km W of Roma. 300m. Other identification CQ1862, BH162. Collected by J.B. Hacker. Wild. Seed.

499947. 547. Australia. Latitude: 19 deg 56 m S; Longitude: 146 deg 24 m E. Collected August 08, 1983. Stringy bark, bloodwood-woodland, in dark brown loam, Harveys Range Road. 400m. Other identification CQ2080, BH500. Collected by J.B. Hacker. Wild. Seed.

499948. 550. Australia. Latitude: 26 deg 47 m S; Longitude: 151 deg 05 m E. Collected March 06, 1975. Inverell, New South Wales. 710m. Other identification CQ1113. Collected by T. O'Brien. Wild. Seed.

499949. 555. Australia. Latitude: 25 deg 43 m S; Longitude: 150 deg 50 m E. Collected October 14, 1982. Digitaria smutsii plot, in sandy soil, Narayen Research Station. 280m. Other identification CQ2323, BH211. Wild. Seed.

499950. 559. Australia. Latitude: 28 deg S; Longitude: 149 deg 20 m E. Collected May 11, 1982. Roadside in sandy soil, Alton National Park. 210m. Other identification CQ1796, BH79. Collected by J.B. Hacker. Wild. Seed.

499951. 560. Australia. Latitude: 19 deg 41 m S; Longitude: 145 deg 47 m E. Collected July 09, 1983. Woodland in red sandy soil, Toomba Road, 55km from Charter Towers-Lynd Road. 400m. Other identification CQ1964, BH333. Collected

499933 TO 499952-continued
by J.B. Hacker. Wild. Seed.

499952. 566. Australia. Latitude: 27 deg 12 m S; Longitude: 152 deg 31 m E. Collected June 23, 1984. Disturbed roadside, in gravelly soil, Brisbane River bridge, Somerset Dam. 160m. Other identification CQ2316. Collected by R.J. Lawn. Wild. Seed.

499953. Tagetes minuta L. (Asteraceae) Wild marigold.

From Brazil. Donated by EMBRAPA-CENARGEN; Brasilia.
Received September 1985.

BRA-000019 00 D.C.G.-462. Brazil. Collected by D.C. Giacometti. Used to control household pests, fleas, nematoes and worms in livestock. Cultivated. Seed.

499954. Peumus boldus Mol. (Monimiaceae).

From Chile. Donated by Eaton, L.; Departmento de Cs Ecologicas; Santiago.
Received September 1985.

Chile. Latitude: 42 deg S. Collected February 1985. Hornopiren (formerly Rio Negro), 10th Region, Chiloe Continental. 50m. Rainy area, 3000mm precipitation per year. Temperatures rarely below 0 deg. C. Suitable as ornamental in canopy shape, foliage color, odor. Wild. Seed.

499955. Glycine max (L.) Merr. (Fabaceae) Soybean.

From United States. Collected by Brown, J.; Department of Geology, University of Idaho; Moscow, Idaho,
Received August 1985.

JB850715-5. China, Peoples Pepub of. Collected July 15, 1985. Market, Chengdu, Sichuan. Seeds green-tan. Cultivated. Seed.

499956 TO 499957. Phaseolus vulgaris L. (Fabaceae) Garden bean.

From United States. Collected by Brown, J.; Department of Geology, University of Idaho; Moscow, Idaho.
Received August 1985.

499956. JB850715-2. China, Peoples Repub of. Collected July 15, 1985. Market Chengdu, Sichuan. Seeds white. Cultivated. Seed.

499957. JB850715-3. China, Peoples Repub of. Collected July 15, 1985. Market, Chengdu, Sichuan. Seeds black. Cultivated. Seed.

499958. Pisum sativum L. (Fabaceae) Garden pea.

From United States. Collected by Brown, J.; Department of Geology, University of Idaho; Moscow, Idaho. Received August 1985.

JB850715-7. China, Peoples Repub of. Collected July 15, 1985. Market, Chengdu, Sichuan. Seeds red tan. Cultivated. Seed.

499959. Vicia faba L. (Fabaceae) Broadbean.

From United States. Collected by Brown, J.; Department of Geology, University of Idaho; Moscow, Idaho. Received August 1985.

JB850715-1. China, Peoples Repub of. Collected July 15, 1985. Market, Chengdu, Sichuan. Seed medium brown with dark brown hilum. Cultivated. Seed.

499960. Vigna radiata (L.) Wilczek (Fabaceae) Mungbean.

From United States. Collected by Brown, J.; Department of Geology, University of Idaho; Moscow, Idaho. Received August 1985.

JB850715-6. China, Peoples Repub of. Collected July 15, 1985. Market, Chengdu, Sichuan. Seeds olive green. Cultivated. Seed.

499961. Vigna sp. (Fabaceae).

From United States. Collected by Brown, J.; Department of Geology, University of Idaho; Moscow, Idaho. Received August 1985.

JB850715-4. China, Peoples Repub of. Collected July 15, 1985. Market, Chengdu, Sichuan. Seed colors mixed. Cultivated. Seed.

499962. Stipa tenacissima L. (Poaceae).

From Spain. Donated by Instituto Nacional de Semillas y Plantas

499962-continued
Vivero; Toledo. Received through FAO, Rome, Italy. Code numbers refer to FAO seed accession numbers.
Received November 1985.

63.890. Albardin. Spain. Cultivated. Seed.

499963 TO 499971. Triticum aestivum L. (Poaceae) Common wheat.

From Japan. Donated by Ohta, S.; Plant Germ-plasm Institute, Kyoto University; Nozume, Muko, Kyoto 617. Received through Kyoto University Botanical Expedition to the Caucasus.
Received November 1985.

499963. KU 1521. Soviet Union. Collected 1966. Baku, Azerbaijan. Other identification number BEC 1966-KS7-13-6. Cultivated. Seed.

499964. KU 1523. Soviet Union. Collected 1966. Ten km E of Shemakha, Azerbaijan. Other identification number BEC 1966-7-14-3. Cultivated. Seed.

499965. KU 1527. Soviet Union. Collected 1966. Erevan, Armenia. Other identification number BEC 1966-7-15-4. Cultivated. Seed.

499966. KU 1600. Soviet Union. Collected 1966. Twenty km E of Erevan (Erevan-Garni), Armenia. Other identification number BEC 1966-7-22-10. Cultivated. Seed.

499967. KU 1630. Soviet Union. Collected 1966. Fifty-eight km N of Erevan (Erevan-Ankavan), Armenia. Other identification number BEC 1966-7-21-5a. Cultivated. Seed.

499968. KU 1636. Soviet Union. Collected 1966. Six km W of Ashtarak (Erevan-Bjurakan), Armenia. Other identification number BEC 1966-7-25-11. Cultivated. Seed.

499969. KU 1668. Soviet Union. Collected 1966. Suburbs of Tibilisi, Georgia. Other identification number BEC 1966-8-2-5b. Cultivated. Seed.

499970. KU 1720. Soviet Union. Collected 1966. Eleven km SE of Telavi (Tibilisi-Telave), Georgia. Other identification number BEC 1966-8-3-5b. Cultivated. Seed.

499971. KU 1806. Soviet Union. Collected 1966. Eleven km SE of Borzhormi (Tibilisi-Bakuriani), Georgia. Other identification number BEC 1966-8-5-12g. Cultivated. Seed.

499972. Triticum carthlicum Nevski (Poaceae) Persian wheat.

From Japan. Donated by Ohta, S.; Plant Germ-plasm Institute, Kyoto University; Mozume, Muko, Kyoto 617. Received through Kyoto University Botanical Expedition to the Caucasus.
Received November 1985.

KU 1000. Soviet Union. Collected 1966. Eleven km SE of Borzhormi (Tibilisi-Bakuriani), Georgia. Other identification number BEC 1966-8-5-12a. Cultivated. Seed.

499973. Triticum dicoccon Schrank (Poaceae) Emmer.

From Japan. Donated by Ohta, S.; Plant Germ-plasm Institute, Kyoto University; Mozume, Muko, Kyoto 617. Received through Kyoto University Botanical Expedition to the Caucasus.
Received November 1985.

KU 1533. Soviet Union. Collected 1966. Erevan, Armenia. Other identification number BEC 1966-7-16-10. Received as Triticum dicoccum. Cultivated. Seed.

499974 TO 499976. Triticum durum Desf. (Poaceae) Durum wheat.

From Japan. Donated by Ohta, S.; Plant Germ-plasm Institute, Kyoto University; Mozume, Muko, Kyoto 617. Received through Kyoto University Botanical Expedition to the Caucasus.
Received November 1985.

499974. KU 1522. Soviet Union. Collected 1966. Ten km E of Shemakha, Azerbaijan. Other identification number BEC 1966-7-14-3. Cultivated. Seed.

499975. KU 1526. Soviet Union. Collected 1966. Baku, Azerbaijan. Other identification number BEC 1966-7-14-20. Cultivated. Seed.

499976. KU 1765. Soviet Union. Collected 1966. Seventeen km E of Gori (Tibilisi-Gori), Georgia. Other identification number BEC 1966-8-5-4a. Cultivated. Seed.

499977 TO 499979. Zea mays L. (Poaceae) Corn.

From Soviet Union. Donated by VIR; Leningrad.
Received October 1985.

499977. VIR 2179. Odesskij 80 mv. Soviet Union. Cultivar. Seed.

499977 TO 499979-continued

499978. VIR 2185. Dneprovskij Tg-460 mv. Soviet Union. Cultivar. Seed.

499979. VIR 2283. Cujskij P-47TV. Soviet Union. Cultivar. Seed.

499980 TO 499984. Pisum sativum L. (Fabaceae) Garden pea.

From China, Peoples Repub of. Donated by Vegetable Research Institute, Chinese Academy of Agricultural Sciences; Beijing. Received through B.R. Norton, 153 Hwy 17 South, Othello, WA 99344.
Received November 1985.

499980. A049. China, Peoples Repub of. Local name Bai wan dou (white pea). Cultivated. Seed.

499981. A096. China, Peoples Repub of. Local name Hun wan dou (mixed pea). Cultivated. Seed.

499982. A0159. China, Peoples Repub of. Local name Da bai wan dou (big white pea). Cultivated. Seed.

499983. A0164. China, Peoples Repub of. Local name Bai wan dou (white pea). Cultivated. Seed.

499984. A0379. Xi yang bai. China, Peoples Repub of. Cultivated. Seed.

499985 TO 499989. Sorghum bicolor (L.) Moench (Poaceae) Sorghum.

From China, Peoples Repub of. Donated by Vegetable Research Institute, Chinese Academy of Agricultural Sciences; Beijing. Received through B.R. Norton, 153 Hwy 17 South, Othello, WA 99344.
Received November 1985.

499985. 1081. China, Peoples Repub of. Local name Da she yan (big snake eye). Cultivated. Seed.

499986. 1142. Lao ya zuo. China, Peoples Repub of. Cultivated. Seed.

499987. 1148. China, Peoples Repub of. Local name E qing bai (green/white). Cultivated. Seed.

499988. 2031. Hong ke bai. China, Peoples Repub of. Cultivated. Seed.

499989. 2043. Xiao lao lai bai. China, Peoples Repub of. Cultivated. Seed.

499990 TO 499991. Triticum aestivum L. (Poaceae) Common wheat.

From China, Peoples Repub of. Donated by Vegetable Research Institute, Chinese Academy of Agricultural Sciences; Beijing. Received through B.R. Norton, 153 Hwy 17 South, Othello, WA 99344.
Received November 1985.

499990. Liao chun no. 5. China, Peoples Repub of. Spring Annual. Cultivated. Seed.

499991. Tai shan no. 1. China, Peoples Repub of. Cultivated. Seed.

499992 TO 499996. Zea mays L. (Poaceae) Corn.

From China, Peoples Repub of. Donated by Vegetable Research Institute, Chinese Academy of Agricultural Sciences; Beijing. Received through B.R. Norton, 153 Hwy 17 South, Othello, WA 99344.
Received November 1985.

499992. Bai xin bai ma ya. China, Peoples Repub of. Seeds white. Cultivated. Seed.

499993. Ben er huang. China, Peoples Repub of. Seeds yellow. Cultivated. Seed.

499994. Da zhai huang. China, Peoples Repub of. Seeds yellow. Cultivated. Seed.

499995. Er huang zao. China, Peoples Repub of. Early maturity. Seeds yellow. Cultivated. Seed.

499996. Hua jiao niu. China, Peoples Repub of. Cultivated. Seed.

499997 TO 499999. Solanum tuberosum L. (Solanaceae) Potato.

From Peru. Donated by CIP; Lima.
Received November 1985.

499997. CIP 381116.51. Peru. 375057.9/bk early. Maturity early. Frost resistant. Cultivated. Seed.

499998. CIP 384030.51. Peru. 375057.39/bk early. Maturity early. Frost resistant. Cultivated. Seed.

499999. CIP 384031.51. Peru. 377427.1/bk early. Maturity early. Frost resistant. Cultivated. Seed.

500000. Triticum aestivum L. (Poaceae) Common wheat.

From United States. Donated by National Small Grain Collection, Germplasm Introduction and Evaluation Laboratory, USDA-ARS; Beltsville, Maryland.
Received October 1985.

CI 1915. Purplestraw. United States. Old American wheat, cultivated for more than 125 years in southeastern United States. Important parental line for the development of other cultivars. Plants intermediate habit, midtall, stem purple, midstrong. Maturity early. Spikes fusiform, middense, inclined to nodding, awnletted. Seeds red, short to midlong, ovate or nearly oval, soft. Local names Purplestraw, Alabama bluestem, Bluestem, Georgia red, Mountain purplestraw, Ripley. Spring Annual. Cultivated. Seed.

500001. Hibiscus syriacus L. (Malvaceae) Shrub althea.

From United States. Donated by Egolf, D.R.; U.S. National Arboretum; Washington, D.C.
Received October 1985.

NA-54983. Aphrodite. United States. Triploid seedling selection. Plant 2.9m high and 2.4m wide in 14 years, compact growth habit. Leaves dark green. Flowers firm-textured, slightly cupped, medium-rose with dark red purple eye spot. Cultivar. Plants.

500002. Dactylis glomerata L. (Poaceae) Orchardgrass.

From Australia. Donated by Plant Introduction Section, Department of Agriculture; South Australia.
Received November 1985.

CPI 85246. Libya. Latitude: 32 deg N. Collected July 23, 1976. Ancient ruins, E of Proculus forum, At Shahhat. 550m. Precipitation 520mm, pH 8.5. Plants growing in enclosed area of lush growth. No grazing. Wild. Seed.

500003. Vernonia galamensis subsp. afromontana (R.E. Fr.) M.G. Gilbert (Asteraceae).

From United States. Donated by Germplasm Introduction and Evaluation Laboratory, USDA-ARS; Beltsville, Maryland.
Received December 1985.

SS-1994. Kenya. Latitude:. Collected July 11, 1984. Highway B-6, 4km W of Ena, Nembuni area, N of Embu, Embu District. 1350m. Collected by S.M. Saufferer and S.M.

500003-continued

Muchai. Plants growing along highway at edge of cultivated field. Wild. Seed.

500004 TO 500007. Zea mays L. (Poaceae) Corn.

From India. Donated by NBPGR; New Delhi. Received through W.M. Carleton, International Programs Staff, USDA, New Delhi, India.
Received October 1985.

500004. CM 103. India. Resistant to late wilt, Cephalosporium maydis, Pythium stalk rot and race 2 of Helminthosporium turcicum. Cultivated. Seed.

500005. CM 104. India. Resistant to late wilt, Cephalosporium maydis, Pythium stalk rot and race 2 of Helminthosporium turcicum. Cultivated. Seed.

500006. CM 111. India. Resistant to late wilt, Cephalosporium maydis, Pythium stalk rot and race 2 of Helminthosporium turcicum. Cultivated. Seed.

500007. CM 300. India. Resistant to late wilt, Cephalosporium maydis, Pythium stalk rot and race 2 of Helminthosporium turcicum. Cultivated. Seed.

500008 TO 500013. Solanum acaule Bitter (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce.
Received November 1986.

500008. Oka 7573. Argentina. Latitude: 24 deg 05 m S; Longitude: 065 deg 39 m W. Collected April 04, 1983. Falda Grande, on trail from Molinos to Ovejeria, Jujuy Province. 3350m. Other identification Bal 8381. Collected by K.A. Okada, O. Garcia. Plants growing by cultivated field. Wild. Seed.

500009. Oka 7574. Argentina. Latitude: 24 deg 05 m S; Longitude: 065 deg 39 m W. Collected April 04, 1983. Abra de Cerrillos, on trail from Molinos to Ovejeria, Jujuy Province. 3750m. Other identification Bal 8382. Collected by K.A. Okada, O. Garcia. Plants growing in cattle enclosure. Wild. Seed.

500010. Oka 7607. Argentina. Latitude: 23 deg 35 m S; Longitude: 065 deg 14 m W. Collected April 10, 1983. Puesto Ventura, 6 hours by mule from Tilcara, Jujuy Province. 3700m. Other identification Bal 83115. Collected by K.A. Okada, O. Garcia. Plants growing by stone wall. Wild. Seed.

500008 TO 500013-continued

500011. Oka 7624. Argentina. Latitude: 23 deg 35 m S; Longitude: 065 deg 13 m W. Collected April 14, 1983. Piedra Parada, 5 hours by mule from Tilcara, above Abra Colorada, Jujuy Pro. 3450m. Other identification Bal 83132. Collected by K.A. Okada, O. Garcia. Wild. Seed.

500012. Oka 7637. Argentina. Latitude: 23 deg 12 m S; Longitude: 064 deg 55 m W. Collected April 20, 1983. Puenta Medio Cerro, above Santa Cruz, Salta Province. 2900m. Other identification Bal 83145. Collected by K.A. Okada, O. Garcia. Plants growing on level ground on top of hill. Wild. Seed.

500013. Oka 7648. Argentina. Latitude: 24 deg 19 m S; Longitude: 066 deg 07 m W. Collected April 24, 1983. La Bomba (Encrucijada), 1 km NW of km 179 on Rte 51, Salta Province. 3500m. Other identification Bal 83155. Collected by K.A. Okada, O. Garcia. Plants growing on stony slopes by cultivated field. Wild. Seed.

500014 TO 500019. Solanum acaule Bitter subsp. acaule (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce.
Received November 1986.

500014. Oka 7487. Argentina. Latitude: 23 deg 58 m S; Longitude: 065 deg 38 m W. Collected February 18, 1983. Quebrada de Tolara, 1 km from Molinos, Jujuy Province. 3500m. Other identification Bal 837. Collected by K.A. Okada, S.M. Saufferer, O. Garcia. Plants growing on riverbank by cultivated field near stone wall. Wild. Seed.

500015. Oka 7529. Argentina. Latitude: 24 deg 37 m S; Longitude: 065 deg 34 m W. Collected March 26, 1983. Rosario de Lerma, Cordon de Lesser, Abra de Potro Muerto, Salta Province. 3750m. Other identification Bal 8340. Collected by K.A. Okada, O. Garcia. Plants in high altitude pass, about 12 hours by mule from Castellanos. Wild. Seed.

500016. Oka 7551. Argentina. Latitude: 24 deg S; Longitude: 065 deg 37 m W. Collected April 02, 1983. Corral Grande, 7 hours by mule from Leon to Molinos, Jujuy Province. 3100m. Other identification Bal 8360. Collected by K.A. Okada, O. Garcia. Plants growing by cultivated field. Wild. Seed.

500017. Oka 7557. Argentina. Latitude: 23 deg 58 m S; Longitude: 065 deg 38 m W. Collected April 03, 1983. Molinos, about 9 hours by mule NW of Leon, Jujuy Province. 3200m. Other identification Bal 8365. Collected by K.A. Okada, O. Garcia. Wild. Seed.

500018. Oka 7622. Argentina. Latitude: 23 deg 35 m S; Longitude: 065 deg 13 m W. Collected April 14, 1983. Abra Colorada, 6 hours by mule from Tilcara to El Durazno, Jujuy Province. 3200m. Other identification Bal 83130. Collected by K.A. Okada, O. Garcia. Plants growing by path. Wild. Seed.

500019. Oka 7627. Argentina. Latitude: 22 deg 56 m S; Longitude: 065 deg 19 m W. Collected April 16, 1983. Chaupi Rodero, road from Iturbe to Iruya, Jujuy Province. 3500m. Other identification Bal 83135. Collected by K.A. Okada, O. Garcia. Plants growing in stream banks. Wild. Seed.

500020. Solanum chacoense Bitter (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce.
Received November 1986.

Oka 7545. Argentina. Latitude: 23 deg 58 m S; Longitude: 065 deg 27 m W. Collected March 03, 1983. Near Volcan, 13km N of Leon on Rte 59, Jujuy Province. 2000m. Other identification Bal 8354. Collected by K.A. Okada, O. Garcia. Wild. Seed.

500021 TO 500028. Solanum gourlayi Hawkes (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce.
Received November 1986.

500021. Oka 7392. Argentina. Latitude: 23 deg 37 m S; Longitude: 065 deg 37 m W. Collected January 26, 1983. Quebrada de Sepulturas, 6km from mouth of narrow valley, Jujuy Province. 3000m. Other identification Bal 832. Collected by K.A. Okada, A.M. Clausen, O. Garcia. Plants growing on slopes by ravine. Wild. Seed.

500022. Oka 7393. Argentina. Latitude: 23 deg 39 m S; Longitude: 065 deg 36 m W. Collected January 26, 1983. Quebrada de Sepultruas, 18km W of Rte 9, 2km from ravine, Jujuy Province. 3000m. Other identification Bal 833. Collected by K.A. Okada, A.M. Clausen, O. Garcia. Plants growing on stony slopes and as weed in maize field. Wild. Seed.

500023. Oka 7483. Argentina. Latitude: 23 deg 58 m S; Longitude: 065 deg 38 m W. Collected February 17, 1983. Molinos river, Molinos, 9 hours NW of Leon by mule, Jujuy Province. 3200m. Other identification Bal 836. Collected by K.A. Okada, S.M. Saufferer, O. Garcia. Plants growing

500021 TO 500028-continued
on riverbank by cultivated field near stone wall. Wild. Seed.

500024. Oka 7518. Argentina. Latitude: 25 deg 20 m S; Longitude: 065 deg 53 m W. Collected March 22, 1983. Two hours by foot from Isonza following ravine, Salta Province. 3500m. Other identification Bal 8331. Collected by K.A. Okada, O. Garcia. Plants growing in steep southern slopes above ravine. Wild. Seed.

500025. Oka 7583. Argentina. Latitude: 24 deg 04 m S; Longitude: 065 deg 39 m W. Collected April 05, 1983. Portillo, trail from Ovejeria to Leon, 8 hours from Leon by mule, Jujuy. 3200m. Other identification Bal 8391. Collected by K.A. Okada, O. Garcia. Plants growing in steep slope by path. Wild. Seed.

500026. Oka 7642. Argentina. Latitude: 24 deg 19 m S; Longitude: 066 deg 07 m W. Collected April 24, 1983. Quebrada Munal, km 179 on Rte 51, near La Bamba (Encrucijada), Salta Prov. 3500m. Other identification Bal 83150. Collected by K.A. Okada, O. Garcia. Plants growing on stony slopes by cultivated field. Wild. Seed.

500027. Oka 7660. Argentina. Latitude: 25 deg 02 m S; Longitude: 065 deg 52 m W. Collected April 28, 1983. Las Arcas River, Cerro Negro, 35km E of crossing with Rte 59, Salta Prov. 3400m. Other identification Bal 83166. Collected by K.A. Okada, O. Garcia. Plants growing on river bank. Wild. Seed.

500028. Oka 7669. Argentina. Latitude: 25 deg 02 m S; Longitude: 065 deg 52 m W. Collected April 29, 1983. Las Arcas River, Cerro Negro, 2km N of school, Salta Province. 3200m. Other identification Bal 83175. Collected by K.A. Okada, O. Garcia. Plants growing on river bank in narrow ravine. Wild. Seed.

500029 TO 500031. Solanum megistacrolobum Bitter (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce.
Received November 1986.

500029. Oka 7504. Argentina. Latitude: 25 deg 10 m S; Longitude: 065 deg 52 m W. Collected March 20, 1983. Valle Encantado, Cuesta del Obispo, Salta Province. 3450m. Other identification Bal 8320. Collected by K.A. Okada, O. Garcia. Plants growing in grassy slopes. Wild. Seed.

500030. Oka 7516. Argentina. Latitude: 25 deg 20 m S; Longitude: 065 deg 53 m W. Collected March 22, 1983. Two hours by foot from Isonza following ravine, Salta Province. 3500m. Other identification Bal 8329. Collected by K.A. Okada, O. Garcia. Plants growing in steep southern slopes above ravine. Wild. Seed.

500031. Oka 7606. Argentina. Latitude: 23 deg 35 m S; Longitude: 065 deg 13 m W. Collected April 10, 1983. Between Pena Parada and Potrero de Ventura, 7 hours E of Tilcara by mule. 3500m. Other identification Bal 83114. Collected by K.A. Okada, O. Garcia. Plants growing by path to El Durazno. Wild. Seed.

500032 TO 500035. Solanum microdontum Bitt. (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce.
Received November 1986.

500032. Oka 7493. Argentina. Latitude: 25 deg 11 m S; Longitude: 065 deg 48 m W. Collected March 19, 1983. Quebrada de Escoipe, 1 km E of Hosteria El Maray on Rte 59, Salta Province. 2100m. Other identification Bal 8311. Collected by K.A. Okada, O. Garcia. Plants growing on roadside. Wild. Seed.

500033. Oka 7524. Argentina. Latitude: 24 deg 38 m S; Longitude: 065 deg 30 m W. Collected March 24, 1983. Morro El Pircado, 4 hours by mule from Castellanos to San Jose, Salta Prov. 2900m. Other identification Bal 8336. Collected by K.A. Okada, O. Garcia. Plants growing on grassy slopes. Wild. Seed.

500034. Oka 7526. Argentina. Latitude: 24 deg 37 m S; Longitude: 065 deg 34 m W. Collected March 24, 1983. Cordon de Lesser, 8 hours by mule from Castellanos to San Jose, Salta Prov. 3050m. Other identification Bal 8338. Collected by K.A. Okada, O. Garcia. Plants growing around cattle enclosure. Wild. Seed.

500035. Oka 7543. Argentina. Latitude: 24 deg 37 m S; Longitude: 065 deg 31 m W. Collected March 28, 1983. Cordon de Lesser, 6 hours by mule from Castellanos to San Jose, Salta Prov. 3000m. Other identification Bal 8352. Collected by K.A. Okada, O. Garcia. Plants growing around cattle enclosure and in grassy slopes by hut. Wild. Seed.

500036 TO 500038. Solanum microdontum subsp. gigantophyllum (Bitter) Hawkes & Hjert. (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce.

500036 TO 500038-continued
Received November 1986.

500036. Oka 7541. Argentina. Latitude: 24 deg 37 m S; Longitude: 065 deg 35 m W. Collected March 27, 1983. Abra de Tinajas, 14 hours by mule on trail from Castellanos, Salta Prov. 3350m. Other identification Bal 8350. Collected by K.A. Okada, O. Garcia. Plants growing in narrow damp ravine. Wild. Seed.

500037. Oka 7544. Argentina. Latitude: 24 deg 38 m S; Longitude: 065 deg 29 m W. Collected March 28, 1983. Campo de la Hormigas, 4 hours by mule from Castellanos to San Jose, Salta. 2000m. Other identification Bal 8353. Collected by K.A. Okada, O. Garcia. Plants growing on trail. Wild. Seed.

500038. Oka 7656. Argentina. Latitude: 25 deg 11 m S; Longitude: 065 deg 48 m W. Collected April 27, 1983. Pie de la Cuesta de Obispo, Rte 59, Salta Province. 2650m. Other identification Bal 83162. Collected by K.A. Okada, O. Garcia. Plants growing on roadside. Wild. Seed.

500039 TO 500041. Solanum microdontum Bitt. subsp. microdontum (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce.
Received November 1986.

500039. Oka 7620. Argentina. Collected April 14, 1983. Puesto Encrucijadas, 2 hours from El Durazno on trail to Tilcara, Jujuy Pro. 2600m. Other identification Bal 83128. Collected by K.A. Okada, O. Garcia. Plants growing by path. Wild. Seed.

500040. Oka 7621. Argentina. Collected April 14, 1983. Above Puesto Encrucijadas 2 hours from El Durazno to Tilcara, Jujuy Prov. Other identification Bal 83129. Collected by K.A. Okada, O. Garcia. Plants growing on steep grassy slope. Wild. Seed.

500041. Oka 7658. Argentina. Latitude: 25 deg 11 m S; Longitude: 065 deg 51 m W. Collected April 27, 1983. Cuesta del Obispo, Quebrada La Sirena, Rte 59, Salta Province. 3000m. Other identification Bal 83164. Collected by K.A. Okada, O. Garcia. Plants growing on stony slopes along narrow damp ravine. Wild. Seed.

500042 TO 500049. Solanum sp. (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental

500042 TO 500049-continued
Regional Agropecuaria, INTA; 7620 Balcarce.
Received November 1986.

500042. Oka 7490. Argentina. Latitude: 25 deg 09 m S; Longitude: 065 deg 43 m W. Collected March 19, 1983. Quebrada de Escoipe, Malcante, near bridge on Rte 59, Salta Province. 2000m. Other identification Bal 838. Collected by K.A. Okada, O. Garcia. Plants growing on roadside. Wild. Seed.

500043. Oka 7491. Argentina. Latitude: 25 deg 11 m S; Longitude: 065 deg 47 m W. Collected March 19, 1983. Quebrada de Escoipe, San Fernando de Escoipe, on Rte 59, Salta Province. 2000m. Other identification Bal 839. Collected by K.A. Okada, O. Garcia. Plants growing on roadside. Wild. Seed.

500044. Oka 7540. Argentina. Latitude: 24 deg 37 m S; Longitude: 065 deg 35 m W. Collected March 27, 1983. Abra de Tinajas, 14 hours by mule from Castellanos, Salta Province. 3350m. Other identification Bal 8349. Collected by K.A. Okada, O. Garcia. Plants growing on narrow damp ravine. Wild. Seed.

500045. Oka 7542. Argentina. Latitude: 24 deg 37 m S; Longitude: 065 deg 35 m W. Collected March 27, 1983. Abra de Tinajas, 14 hours by mule from Castellanos, Salta Province. 3350m. Other identification Bal 8351. Collected by K.A. Okada, O. Garcia. Plants growing on narrow damp ravine. Wild. Seed.

500046. Oka 7605. Argentina. Latitude: 23 deg 14 m S; Longitude: 065 deg 12 m W. Collected April 08, 1983. Cianzo, Jujuy Province. 3000m. Other identification Bal 83113. Collected by K.A. Okada, O. Garcia. Wild. Seed.

500047. Oka 7623. Argentina. Latitude: 23 deg 35 m S; Longitude: 065 deg 13 m W. Collected April 14, 1983. Piedra Parada above Abra Colorada, 5 hours by mule from Tilcara, Jujuy Prov. 3450m. Other identification Bal 83131. Collected by K.A. Okada, O. Garcia. Wild. Seed.

500048. Oka 7639. Argentina. Latitude: 24 deg 51 m S; Longitude: 065 deg 43 m W. Collected April 24, 1983. Quebrada del Toro, km 95 on Rte 51, 7km S of El Alisal, Salta Province. 2000m. Other identification Bal 83147. Collected by K.A. Okada, O. Garcia. Plants growing on steep rocky slope between railway and road. Wild. Seed.

500049. Oka 7668. Argentina. Latitude: 25 deg 02 m S; Longitude: 065 deg 52 m W. Collected April 29, 1983. Cerro Negro, 2km N of school, Salta Province. 3200m. Other identification Bal 83174. Collected by K.A. Okada, O. Garcia. Plants growing on riverbank in a narrow ravine.

500042 TO 500049-continued
Wild. Seed.

500050 TO 500053. Solanum spegazzinii Bitter (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce.
Received November 1986.

500050. Oka 7506. Argentina. Latitude: 25 deg 04 m S; Longitude: 066 deg 02 m W. Collected March 21, 1983. Agua de los Loros, 11km SE of Payogasta on Rte 59, Salta Province. 3200m. Other identification Bal 8322. Collected by K.A. Okada, O. Garcia. Plants growing ind dry stream bed. Wild. Seed.

500051. Oka 7508. Argentina. Latitude: 25 deg 07 m S; Longitude: 066 deg 10 m W. Collected March 21, 1983. Between Payogasta and Tintin, 10km SE of Payogasta on Rte 59, Salta Prov. 3200m. Other identification Bal 8324. Collected by K.A. Okada, O. Garcia. Wild. Seed.

500052. Oka 7510. Argentina. Latitude: 25 deg 07 m S; Longitude: 065 deg 57 m W. Collected March 21, 1983. Road to Cienga, 10km SE of crossing with Rte 59, Salta Province. 3650m. Other identification Bal 8325. Collected by K.A. Okada, O. Garcia. Plants growing in dry stream bed. Wild. Seed.

500053. Oka 7512. Argentina. Latitude: 25 deg 08 m S; Longitude: 065 deg 56 m W. Collected March 21, 1983. Cienaga, 13km SE of crossing with Rte 59, on road to Cerro Negro, Salta Pro. 3700m. Other identification Bal 8327. Collected by K.A. Okada, O. Garcia. Wild. Seed.

500054 TO 500055. Solanum tarijense Hawkes (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce.
Received November 1986.

500054. 7383. Argentina. Latitude: 25 deg 10 m S; Longitude: 065 deg 49 m W. Collected January 23, 1983. Quebrada de Escoipe, 1 km E of El Maray on Rte 59, Salta Province. 2300m. Other identification Bal 831. Collected by K.A. Okada, A.M. Clausen, O. Garcia. Plants growing on roadside. Wild. Seed.

500055. 7492. Argentina. Latitude: 25 deg 11 m S; Longitude: 065 deg 47 m W. Collected March 19, 1983. Quebrada de Escoipe, 2km W of San Fernando de Escoipe on Rte 59, Salta Prov. 2000-99m. Other identification Bal 8310. Collected by K.A. Okada, O. Garcia. Plants growing on

500054 TO 500055-continued
roadside. Wild. Seed.

500056 TO 500060. Solanum tuberosum subsp. andigena (Juz. & Buk.) Hawkes (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce. Received November 1986.

500056. Oka 7511. Argentina. Latitude: 25 deg 08 m S; Longitude: 065 deg 56 m W. Collected March 21, 1983. Cienaga, 13km SE of crossing with Rte 59, on road to Cerro Negro, Salta Pro. 3700m. Other identification Bal 8326. Collected by K.A. Okada, O. Garcia. Wild. Seed.

500057. Oka 7550. Argentina. Latitude: 24 deg S; Longitude: 065 deg 37 m W. Collected April 02, 1983. Corral Grande, 7 hours by mule from Leon to Molinos, Jujuy Province. 3100m. Other identification Bal 8359. Collected by K.A. Okada, O. Garcia. Wild. Seed.

500058. Oka 7572. Argentina. Latitude: 24 deg 05 m S; Longitude: 065 deg 39 m W. Collected April 04, 1983. Falda Grande, trail from Molinos to Ovejeria, Jujuy Province. 3350m. Other identification Bal 8380. Collected by K.A. Okada, O. Garcia. Mixture of several varieties: Chacarera, Tuni, Colorada. Cultivated. Seed.

500059. Oka 7579. Chaquena. Argentina. Latitude: 24 deg 06 m S; Longitude: 065 deg 40 m W. Collected April 04, 1983. Ovejeria, 10 hours by mule on trail from Leon, Jujuy Province. 3450m. Other identification Bal 8387. Collected by K.A. Okada, O. Garcia. Cultivated. Seed.

500060. Oka 7615. Argentina. Latitude: 23 deg 36 m S; Longitude: 065 deg 11 m W. Collected April 12, 1983. Puesto Yusto above El Durazno, Jujuy Province. 3350m. Other identification Bal 83123. Collected by K.A. Okada, O. Garcia. Plants growing on steep southern slopes. Wild. Seed.

500061. Solanum venturii Hawkes & Hjerting (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce. Received November 1986.

Oka 7657. Argentina. Latitude: 25 deg 11 m S; Longitude: 065 deg 51 m W. Collected April 27, 1983. Cuesta del Obispo, Quebrada La Sirena on Rte 59, Salta Province. 3000m. Other identification Bal 83163. Collected by K.A.

500061-continued
Okada, O. Garcia. Plants growing on stony slopes above narrow damp ravine. Wild. Seed.

500062 TO 500070. Solanum vernei Bitt. & Wittm. ex Engl. (Solanaceae).

From Argentina. Donated by Okada, K.A.; Estacion Experimental Regional Agropecuaria, INTA; 7620 Balcarce.
Received November 1986.

500062. Oka 7501. Argentina. Latitude: 25 deg 09 m S; Longitude: 065 deg 51 m W. Collected March 20, 1983. Cuesta del Obispo, La Herradura, km 57 on Rte 59, Salta Province. 3450m. Other identification Bal 8317. Collected by K.A. Okada, O. Garcia. Wild. Seed.

500063. Oka 7517. Argentina. Latitude: 25 deg 20 m S; Longitude: 065 deg 53 m W. Collected March 22, 1983. Two hours by foot from Isonza following ravine, Salta Province. 3500m. Other identification Bal 8330. Collected by K.A. Okada, O. Garcia. Wild. Seed.

500064. Oka 7528. Argentina. Latitude: 24 deg 37 m S; Longitude: 065 deg 34 m W. Collected March 26, 1983. Cordon de Lesser, Puesto de las Ingas,10 hours by mule fr Castellanos,Salta. 3500m. Other identification Bal 8339. Collected by K.A. Okada, O. Garcia. Plants growing in damp ravine around cattle enclosure. Wild. Seed.

500065. Oka 7534. Argentina. Latitude: 24 deg 36 m S; Longitude: 065 deg 36 m W. Collected March 27, 1983. Ovejeria, 1.5 days by mule from Castellanos, Salta Province. 3600m. Other identification Bal 8344. Collected by K.A. Okada, O. Garcia. Plants growing among stones in terrace. Wild. Seed.

500066. Oka 7549. Argentina. Latitude: 24 deg S; Longitude: 065 deg 37 m W. Collected April 02, 1983. Corral Grande, 7 hours by mule from Leon on trail to Molinos, Jujuy Prov. 3100m. Other identification Bal 8358. Collected by K.A. Okada, O. Garcia. Plants growing by cultivated field. Wild. Seed.

500067. Oka 7586. Argentina. Latitude: 24 deg 03 m S; Longitude: 065 deg 36 m W. Collected April 07, 1983. Pie de la Cuesta, trail from Ovejeria to Leon, Jujuy Province. 2700m. Other identification Bal 8394. Collected by K.A. Okada, O. Garcia. Plants growing on rocky slopes on riverbank. Wild. Seed.

500068. Oka 7610. Argentina. Latitude: 23 deg 35 m S; Longitude: 065 deg 13 m W. Collected April 10, 1983. Olladas, 10 hours by mule from Tilcara to El Durazno, Jujuy Province.

500062 TO 500070-continued

2950m. Other identification Bal 83118. Collected by K.A. Okada, O. Garcia. Plants growing on shaded slopes. Wild. Seed.

500069. Oka 7613. Argentina. Latitude: 23 deg 36 m S; Longitude: 065 deg 11 m W. Collected April 12, 1983. Puesto Coloraditos, 3 hours above El Durazno, Jujuy Province. 3200m. Other identification Bal 83121. Collected by K.A. Okada, O. Garcia. Plants growing on steep shaded slopes. Wild. Seed.

500070. Oka 7635. Argentina. Latitude: 23 deg 12 m S; Longitude: 064 deg 55 m W. Collected April 20, 1983. El Remate, above Santa Cruz, Salta Province. 3100m. Other identification Bal 83143. Collected by K.A. Okada, O. Garcia. Plants growing in deep ravine. Wild. Seed.

500071 TO 500072. Oryza sativa L. (Poaceae) Rice.

From United States. Donated by McKenzie, K.S.; Rice Research Station, Louisiana State University Agricultural Center; Crowley, Louisiana.
Received November 1985.

500071. 85HB013 B. United States. Irradiation mutant of Tetep (PI 280682). Plants short, to 0.96m tall. Stems and leaves dark green, lodging at maturity. Maturity 93 days. Resistance good to sheath blight, brown spot (Bipolaris oryzae) and narrow brown leaf spot (Cercospora oryzae). Resistance high to blast. Breeding Material. Seed.

500072. 85HB014 BC. United States. Irradiation mutant of Tetep (PI 280682). Plants average height, 1.06m. Stems and leaves dark green, lodging at maturity. Maturity early, 69 days. Resistance good to sheath blight, brown spot (Bipolaris oryzae) and narrow brown leaf spot (Cercospora oryzae). Resistance high to blast. Breeding Material. Seed.

500073. Hedysarum sp. (Fabaceae).

From United States. Donated by Tesar, M.B.; Dept. of Crop and Soil Science, Michigan State University; East Lansing, Michigan.
Received November 1985.

China, Peoples Repub of. Collected September 12, 1985. Near Hailar, Inner Mongolia, about 1148km north of Beijing. Collected by M.B. Tesar. Plants semi-decumbent, about 20 to 25cm tall. Pods about 8 to 10mm long. Area cold with deep, dark black soil. Vegetation native short

500073-continued
to midgrasses, some Stipa. Perennial Herb. Wild. Seed.

500074 TO 500076. Prunus cerasoides D. Don (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

500074. NA-50681. Japan. Latitude: 35 deg 07 m N; Longitude: 139 deg 04 m E. Collected May 23, 1982. Atami City, Shizuoka Pref. Single tree. Tree. Wild. Seed.

500075. NA-50682. Japan. Latitude: 35 deg 07 m N; Longitude: 139 deg 04 m E. Collected May 23, 1982. Atami City, Shizuoka Pref. Single tree. Tree. Wild. Seed.

500076. NA-50683. Japan. Latitude: 34 deg 58 m N; Longitude: 139 deg 04 m E. Collected May 22, 1982. Ito, Shizuoka Pref. Received as Prunus cerasoides var. campanulata. Tree. Cultivated. Seed.

500077 TO 500080. Prunus hybrid (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

500077. NA-50684. Japan. Latitude: 35 deg 07 m N; Longitude: 139 deg 04 m E. P. cerasoides/P. lannesiana var. speciosa. Collected May 23, 1982. Atami City, Shizuoka Pref. C.P. from an original controlled cross. Tree. Cultivated. Seed.

500078. NA-50746. No. 2. Japan. Latitude: 35 deg 07 m N; Longitude: 139 deg 04 m E. P. yedoensis/P. cerasoides var. campanulata. Collected May 22, 1982. Atami City, Shizuoka Pref. Single tree. Tree. Cultivated. Seed.

500079. NA-50747. No. 1. Japan. Latitude: 35 deg 07 m N; Longitude: 139 deg 04 m E. P. yedoensis/P. cerasoides var. campanulata. Collected May 22, 1982. Atami City, Shizuoka Pref. Single tree. Tree. Cultivated. Seed.

500080. NA-50748. No. 3. Japan. Latitude: 35 deg 07 m N; Longitude: 139 deg 04 m E. P. yedoensis/P. cerasoides var. campanulata. Collected May 22, 1982. Atami City, Shizuoka Pref. Single tree. Tree. Cultivated. Seed.

500081 TO 500090. Prunus incisa Thunb. ex Murray (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

500081. NA-50685. Japan. Collected June 22, 1982. Pure stand in volcanic ash, foot of Mt. Fuji, Gotemba, Shizuoka Pref. Excellent potential for producing quality ornamentals. Wild. Seed.

500082. NA-50686. Japan. Collected June 22, 1982. Pure stand in volcanic ash, foot of Mt. Fuji, Gotemba, Shizuoka Pref. Excellent potential for producing quality ornamentals. Wild. Seed.

500083. NA-50687. Japan. Collected June 22, 1982. Pure stand in volcanic ash, foot of Mt. Fuji, Gotemba, Shizuoka Pref. Excellent potential for producing quality ornamentals. Wild. Seed.

500084. NA-50688. Japan. Collected June 23, 1982. Gotemba, Shizuoka Pref. Plants selected from wild plants under cultivation. Cultivated. Seed.

500085. NA-50690. Japan. Latitude: 35 deg 24 m N; Longitude: 139 deg E. Collected June 23, 1982. Wooded area near Oyama, Shizuoka Pref. Wild. Seed.

500086. NA-50692. Japan. Collected June 22, 1982. Subashiri Elem. School grounds, Susono City, Shizuoka Pref. Cultivated. Seed.

500087. NA-50695. Japan. Collected June 22, 1982. Watanbe Nursery, Gotemba. Cultivated. Seed.

500088. NA-50696. Japan. Latitude: 35 deg 16 m N; Longitude: 138 deg 33 m E. Collected June 22, 1982. Wooded area, Fujinomiya City, Shizuoka Pref. Wild. Seed.

500089. NA-50698. Japan. Latitude: 43 deg 19 m N; Longitude: 141 deg 52 m E. Collected July 09, 1982. Forest Experiment Station grounds, Bibai, Hokkaido. Location very cold in winter. Cultivated. Seed.

500090. NA-50699. Japan. Latitude: 36 deg 29 m N; Longitude: 136 deg 38 m E. Collected June 29, 1982. Mt. Shishiku, Tsurugi Town, Ishikawa Pref. 1650m. Received as Prunus incisa var. kinkiensis f. viridicalyx. Tree. Wild. Seed.

500091 TO 500095. Prunus incisa Thunb. ex Murray (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National

500091 TO 500095-continued
Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

500091. NA-50689. Japan. Latitude: 35 deg 24 m N; Longitude: 139 deg E. Collected June 23, 1982. Wooded area near Oyama, Shizuoka Pref. Wild. Seed.

500092. NA-50691. Japan. Collected June 21, 1982. Around Ashitake Mountain Lake near Mt. Ashitake, Susano City, Shizuoka Pref. Wild. Seed.

500093. NA-50693. Japan. Collected June 23, 1982. Subashiri Elem. School grounds, Susono City, Shizuoka Pref. Cultivated. Seed.

500094. NA-50694. Japan. Latitude: 35 deg 16 m N; Longitude: 138 deg 33 m E. Collected June 23, 1982. Near Mt. Fuji Museum, Fujinomiya City, Shizuoka Pref. 900m. Wild. Seed.

500095. NA-50697. Japan. Latitude: 35 deg 10 m N; Longitude: 138 deg 37 m E. Collected June 22, 1982. Fuji City, Shizuoka Pref. Cultivated. Seed.

500096. Prunus leveilleana Koehne (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

NA-50713. Japan. Latitude: 41 deg 58 m N; Longitude: 140 deg 41 m E. Collected July 04, 1982. Onuma Natl. Park, Onuma, Hokkaido. Location very cold. Tree. Wild. Seed.

500097. Prunus leveilleana Koehne (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

NA-50714. Japan. Latitude: 41 deg 58 m N; Longitude: 140 deg 41 m E. Collected July 04, 1982. Onuma Natl. Park, Onuma, Hokkaido. Location very cold. Tree. Wild. Seed.

500098. Prunus maximowiczii Rupr. (Rosaceae) Korean cherry.

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan

500098-continued
Expedition for Flowering Cherry.
Received April 1985.

NA-50715. Japan. Collected July 10, 1982. Tsukuba Dake, Ibaraki Pref., Hokkaido. Location very cold. Tree. Wild. Seed.

500099 TO 500100. Prunus nipponica Mats. (Rosaceae) Takane flowering cherry.

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

500099. NA-50716. Latitude: 41 deg 56 m N; Longitude: 140 deg 47 m E. Collected July 05, 1982. Yokotsu Dake, Hokkaido. 1187m. Tall shrub. Location very cold, windy. Wild. Seed.

500100. NA-50717. Collected July 08, 1982. Matsumae, Hokkaido. Tall shrub. Occurs in large Japanese cherry collection. Wild. Seed.

500101 TO 500113. Prunus nipponica var. kurilensis (Miyabe) E. Wilson (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

500101. NA-50718. Japan. Collected July 08, 1982. Matsumae, Hokkaido. Low shrub. Occurs in large Japanese cherry collection. Location cold. Wild. Seed.

500102. NA-50719. Japan. Latitude: 43 deg 21 m N; Longitude: 141 deg 53 m E. Collected July 09, 1982. Grounds of Forest Experiment Station of Hokkaido, Bibai, Hokkaido. Low shrub. Location very cold. Cultivated. Seed.

500103. NA-50720. Japan. Latitude: 43 deg 22 m N; Longitude: 145 deg 36 m E. Collected July 09, 1982. Grounds of Seiryu Temple, Nemuro, Nemuro Hanto, Hokkaido. Low shrub. Location very cold. Wild. Seed.

500104. NA-50721. Japan. Latitude: 43 deg 22 m N; Longitude: 145 deg 36 m E. Collected July 09, 1982. Grounds of Seiryu Temple, Nemuro, Nemuro Hanto, Hokkaido. Low shrub. Location very cold. Wild. Seed.

500105. NA-50722. Japan. Latitude: 43 deg 22 m N; Longitude: 145

500101 TO 500113-continued

deg 36 m E. Collected July 09, 1982. Grounds of Seiryu Temple, Nemuro, Nemuro Hanto, Hokkaido. Low shrub. Location very cold. Wild. Seed.

500106. NA-50723. Japan. Latitude: 43 deg 22 m N; Longitude: 145 deg 36 m E. Collected July 09, 1982. Grounds of Seiryu Temple, Nemuro, Nemuro Hanto, Hokkaido. Low shrub. Location very cold. Wild. Seed.

500107. NA-50724. Japan. Latitude: 43 deg 22 m N; Longitude: 145 deg 36 m E. Collected July 09, 1982. Grounds of Seiryu Temple, Nemuro, Nemuro Hanto, Hokkaido. Low shrub. Location very cold. Wild. Seed.

500108. NA-50725. Japan. Latitude: 43 deg 22 m N; Longitude: 145 deg 36 m E. Collected July 08, 1982. Grounds of Seiryu Temple, Nemuro, Nemuro Hanto, Hokkaido. Low shrub. Location very cold. Seed.

500109. NA-50726. Japan. Latitude: 36 deg 28 m N; Longitude: 137 deg 33 m E. Collected July 09, 1982. Kuro Dake, Hokkaido. Location very cold. Tree. Wild. Seed.

500110. NA-50728. Japan. Collected July 06, 1982. Grounds of Doton Branch Forest Experiment Station, Hakodate, Hokkaido. Low shrub. Wild. Seed.

500111. NA-50729. Japan. Collected July 09, 1982. Grounds of Donan Branch Forest Experiment Station, Shintoku, Hokkaido. Location very cold. Tree. Seed.

500112. NA-50730. No. 1. Japan. Latitude: 43 deg 21 m N; Longitude: 141 deg 53 m E. Collected July 09, 1982. Grounds of Forest Experiment Station of Hokkaido, Bibai, Hokkaido. Single plant very compact from the wild. Low shrub. Location very cold. Cultivated. Seed.

500113. NA-50731. Japan. Latitude: 43 deg 04 m N; Longitude: 142 deg 50 m E. Collected July 10, 1982. Takaoka City, Shintoku, Hokkaido. Very low shrub. Location among coldest in Hokkaido. Cultivated. Seed.

500114. Prunus nipponica var. kurilensis (Miyabe) E. Wilson (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

NA-50727. Japan. Collected July 10, 1982. Daisetsu National Park, Kamikawa-Gun, Hokkaido. Location very cold, windy. Tree. Seed.

500115 TO 500117. Prunus sargentii Rehd. (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

500115. NA-50732. Japan. Latitude: 39 deg 43 m N; Longitude: 141 deg 08 m E. Collected June 30, 1982. Grounds of Tohoku Branch of Forest Exp. Station, Morioka, Iwate Pref. Tree. Wild. Seed.

500116. NA-50736. Japan. Latitude: 43 deg 13 m N; Longitude: 143 deg 16 m E. Collected July 10, 1982. Cultivated grounds of Kanoya Hotel, Kami-shihoro, Kato-gun, Hokkaido. One of the coldest locations in Hokkaido. Tree. Cultivated. Seed.

500117. NA-50737. Japan. Latitude: 43 deg 21 m N; Longitude: 141 deg 53 m E. Collected July 09, 1982. Grounds of Forest Exp. Station of Hokkaido, Bibai, Hokkaido. Location very cold. Tree. Wild. Seed.

500118 TO 500121. Prunus sargentii Rehd. (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

500118. NA-50733. Japan. Latitude: 41 deg 28 m N; Longitude: 140 deg 06 m E. Collected July 08, 1982. Mountain slope near Matsumae Japanese cherry collection, Matsumae, Hokkaido. Tree. Wild. Seed.

500119. NA-50734. Japan. Latitude: 41 deg 58 m N; Longitude: 140 deg 41 m E. Collected July 10, 1982. Onuma National Park, Onuma, Hokkaido. Location very cold. Tree. Wild. Seed.

500120. NA-50735. Japan. Latitude: 43 deg 04 m N; Longitude: 142 deg 50 m E. Collected July 10, 1982. Near Shintoku Shrine, Shintoku, Hokkaido. Location very cold. Tree. Wild. Seed.

500121. NA-50738. Japan. Latitude: 41 deg 46 m N; Longitude: 140 deg 44 m E. Collected July 08, 1982. Grounds of Giokoku Shrine, Hakodate, Hokkaido. Tree. Wild. Seed.

500122 TO 500123. Prunus serrulata f. albida Makino (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.

500122 TO 500123-continued
Received April 1985.

500122. NA-50705. Japan. Latitude: 34 deg 58 m N; Longitude: 139 deg 04 m E. Collected May 24, 1982. Ito, Shizuoka Pref. Received as Prunus lannesiana var. speciosa. Tree. Wild. Seed.

500123. NA-50706. Japan. Latitude: 34 deg 45 m N; Longitude: 139 deg 25 m E. Collected June 11, 1982. Top of Mt. Mihara, Oshima Island, Izu. 755m. Received as Prunus lannesiana var. speciosa. Tree. Wild. Seed.

500124 TO 500127. Prunus serrulata f. albida Makino (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

500124. NA-50707. Japan. Collected June 11, 1982. Ogawa's Nursery, Oshima Island, Izu. Received as Prunus lannesiana var. speciosa. Tree. Cultivated. Seed.

500125. NA-50708. Japan. Collected June 12, 1982. Oshima National Park, Oshima Island, Izu. 50-400m. Received as Prunus lannesiana var. speciosa. Tree. Wild. Seed.

500126. NA-50709. Japan. Collected June 11, 1982. Roadside, Oshima Island, Izu. Received as Prunus lannesiana var. speciosa. Tree. Wild. Seed.

500127. NA-50710. Japan. Collected June 11, 1982. Graveyard, Motomachi, Oshima Island, Izu. Received as Prunus lannesiana var. speciosa. Tree. Cultivated. Seed.

500128. Prunus serrulata var. lannesiana (Carriere) Makino (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

NA-50704. Fasciculata. Japan. Latitude: 42 deg 08 m N; Longitude: 140 deg 06 m E. Collected July 06, 1982. Matsumae, Matsumae Hanto, Hokkaido. Cold location. Received as Prunus lannesiana. Tree. Cultivated. Seed.

500129 TO 500130. Prunus serrulata var. lannesiana (Carriere) Makino (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National

500129 TO 500130-continued
Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

500129. NA-50711. Ito-zakura. Japan. Latitude: 34 deg 58 m N; Longitude: 139 deg 04 m E. Collected May 24, 1982. Ito, Shizuoka Pref. Received as Prunus lannesiana. Tree. Cultivated. Seed.

500130. NA-50712. Yaebeni-oshima. Japan. Latitude: 34 deg 45 m N; Longitude: 139 deg 25 m E. Collected June 12, 1982. Ogawa's Nursery, Oshima Islands. Selection with double flowers. Received as Prunus lannesiana. Tree. Cultivated. Seed.

500131 TO 500132. Prunus serrulata var. spontanea (Maxim.) E. Wilson (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

500131. NA-50700. Japan. Latitude: 32 deg 13 m N; Longitude: 130 deg 23 m E. Collected June 18, 1982. Rural area near Minamata City, Kumamoto Pref. From naturalized stand. Received as Prunus jamasakura. Tree. Wild. Seed.

500132. NA-50701. Japan. Latitude: 33 deg 13 m N; Longitude: 132 deg 48 m E. Collected June 19, 1982. Halfway up Mt. Yoshino, Nara Pref. 50m. Received as Prunus jamasakura. Tree. Wild. Seed.

500133. Prunus serrulata var. spontanea (Maxim.) E. Wilson (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

NA-50702. Japan. Latitude: 34 deg N; Longitude: 133 deg 25 m E. Collected June 13, 1982. Open wooded area near Komatsushima, Tokushima Pref. Received as Prunus jamasakura. Tree. Wild. Seed.

500134 TO 500138. Prunus sp. (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.

500134 TO 500138-continued
Received April 1985.

500134. NA-50749. Japan. Latitude: 34 deg N; Longitude: 134 deg 36 m E. Collected July 1982. Komatsushima (Shikoku), Tokushima Pref. Satozakura group. Tree. Cultivated. Seed.

500135. NA-50750. Japan. Latitude: 36 deg 47 m N; Longitude: 133 deg 25 m E. Collected July 1982. Takaoka, Ishikawa Pref. Satozakura group. Tree. Cultivated. Seed.

500136. NA-50751. Japan. Collected July 1982. Various places. Samples supplied by local people. Tree. Satozakura group. Cultivated. Seed.

500137. NA-50752. Japan. Latitude: 36 deg 47 m N; Longitude: 133 deg 25 m E. Collected July 1982. Kamo Nursery, Takaoka, Ishikawa Pref. Satozakura group. Double flower selection. Tree. Cultivated. Seed.

500138. NA-50753. Japan. Latitude: 36 deg 47 m N; Longitude: 133 deg 25 m E. Collected July 1982. Kamo Nursery, Takaoka, Ishikawa Pref. Satozakura group. Tree. Cultivated. Seed.

500139 TO 500141. Prunus spachiana f. ascendens (Makino) Kitam. (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

500139. NA-50739. Japan. Latitude: 36 deg 47 m N; Longitude: 133 deg 25 m E. Collected June 15, 1982. Takaoka, Ishikawa Pref. Received as Prunus x subhirtella var. ascendens. Tree. Cultivated. Seed.

500140. NA-50740. Japan. Latitude: 39 deg 44 m N; Longitude: 144 deg 05 m E. Collected June 15, 1982. Grounds of Shikariwake Shrine, Akita, Akita Pref. Trees (about 200) very old. Location very dry. Received as Prunus x subhirtella var. ascendens. Tree. Cultivated. Seed.

500141. NA-50741. Japan. Latitude: 39 deg 10 m N; Longitude: 141 deg 07 m E. Collected June 17, 1982. Mizusawa City, Iwate Pref. Received as Prunus x subhirtella var. ascendens. Tree. Cultivated. Seed.

500142. Prunus spachiana var. koshiensis (Koidz.) Kitam. (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan

500142-continued
Expedition for Flowering Cherry.
Received April 1985.

NA-50742. Japan. Latitude: 36 deg 47 m N; Longitude: 133 deg 25 m E. Collected June 15, 1982. Kamo Nursery, Tokaoka, Ishikawa Pref. Received as Prunus x subhirtella var. koshiensis. Tree. Cultivated. Seed.

500143. Prunus x kanzakura Makino (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

NA-50703. Oh-kanzakura. Japan. Latitude: 34 deg 58 m N; Longitude: 139 deg 04 m E. Probably P. cerasoides var. campanulata/P. lannesiana var. speciosa. Collected May 22, 1982. Ito, Shizuoka Pref. Tree. Cultivated. Seed.

500144 TO 500145. Prunus x yedoensis Matsum. (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

500144. NA-50743. Japan. Latitude: 34 deg N; Longitude: 134 deg 36 m E. Collected June 13, 1982. Wooded area near Komatsushima (Shikoku), Tokushima Pref. From naturalized stand. Tree. Wild. Seed.

500145. NA-50744. Japan. Latitude: 34 deg 47 m N; Longitude: 133 deg 25 m E. Collected June 17, 1982. Kojo Park, Takaoka, Ishikawa Pref. Tree. Cultivated. Seed.

500146. Prunus x yedoensis Matsum. (Rosaceae).

From Japan. Collected by Jefferson, R.M.; U.S. National Arboretum; Washington, D.C. Received through 1982 Japan Expedition for Flowering Cherry.
Received April 1985.

NA-50745. Japan. Latitude: 41 deg 46 m N; Longitude: 140 deg 44 m E. Collected July 08, 1982. Grounds of Giokoku Shrine, Hakodate, Hokkaido. Tree. Cultivated. Seed.

500147. Triticum aestivum L. (Poaceae) Common wheat.

From China, Peoples Repub of. Donated by Institute of Crop

500147-continued
Germplasm Resources, Chinese Academy of Agricultural Sciences; Beijing.
Received November 1985.

Frontana. China, Peoples Repub of. Some resistance to wheat scab. Breeding Material. Seed.

500148. Rubus chamaemorus L. (Rosaceae).

From United States. Donated by Jahn, O.L.; National Clonal Germplasm Repository - Corvallis, USDA-ARS; Corvallis, Oregon.
Received December 1985.

547. Finland. Collected August 17, 1985. Road to Yllastuntri, 22km N of Kolari. 250m. Collected by O.L. Jahn. Plants growing in open drained bog among moss beneath shrubs in mountains. Herbaceous perennial 15-20cm tall. One plant with rhizomes collected. Wild. Plants.

Abelmoschus esculentus 496451-496928
Abelmoschus manihot 496943-497242
Abelmoschus moschatus 496929-496942
Abutilon theophrasti 499208-499257
Acer glabrum 495870-495871
Aegilops columnaris 499258
Aegilops cylindrica 499259
Aegilops lorentii 499260
Aegilops speltoides 499261
Aegilops tauschii 499262-499265
Ageratum conyzoides 498428
Agropyron barbicallum 499380
Agropyron cristatum 494615-494617,499381-499390,499565-499568
Agropyron intermedium 494618,494685-494687
Agropyron mongolicum 499391-499393
Agrostis gigantea 499394
Allium sativum 497941-497951
Alnus tenuifolia 495872-495875
Amaranthus hybridus 494768-494769
Amaranthus sp. 494770-494777
Amelanchier alnifolia 495876
Amorpha fruticosa 495596
Ampelopsis cordata 495597-495598
Annona cherimola 497673
Anthoxanthum odoratum 494619
Anthyllis vulneraria 494620
Arachis burkartii 497527-497531
Arachis hypogaea 494778-494814,496267,496401-496450,497252-497259,497271-497482,497485-497526,497582-497670
Arachis lutescens 497532
Arachis marginata 497533-497534
Arachis monticola 497260-497261
Arachis prostrata 497535-497539
Arachis pusilla 497540-497541
Arachis sp. 497262-497270,497483-497484,497546-497581
Arachis sylvestris 497542-497545
Asimina triloba 495599
Asparagus densiflorus 496261
Asparagus litoralis 498724
Asparagus officinalis 498725-498726
Asparagus verticillatus 496262,498727
Astragalus adsurgens 499395
Astragalus alpinus 499569-499570
Astragalus asper 494621
Astragalus cicer 494688-494690
Astragalus glycyphyllos 494622-494623
Astragalus monspessulanus 494624-494625
Astragalus onobrychis 494626-494627
Astragalus peterfii 494691
Astragalus pseudopurpurea 494628
Astragalus sp. 499396-499399
Astragalus spruneri 494629
Astragalus tibetanus 499571-499576
Astragalus varius 494630
Atriplex canescens 495877
Atriplex confertifolia 495878-495879
Atriplex nuttallii 495880
Avena hybrid 497686-497921
Avena sativa 494755,495812-495814,495868,496251-496254,498423-498424,499349-499350
Betula glandulosa 495881
Betula occidentalis 495882
Brachiaria humidicola 499378-499379
Brachypodium sp. 499400
Bromus inermis 494631,494692,499401-499406,499577-499582
Bromus sp. 495807
Campsis radicans 495600
Capsicum annuum 495788-495792,497971
Capsicum baccatum 497972-497974
Capsicum chinense 497975-497983
Capsicum eximium 497675
Capsicum frutescens 497984
Capsicum praetermissum 497985
Capsicum pubescens 497676
Ceanothus fendleri 495883
Cercis canadensis 495601,496399
Cercocarpus ledifolius 495884
Cercocarpus montanus 495885-495886

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Cicer arietinum 494496,499407
Citrullus colocynthis 494527-494532
Citrullus lanatus 494815-494821
Cornus amomum 495602
Cornus drummondii 495603-495605
Cornus mas 499334
Cornus sericea 495887
Cornus sp. 499408
Coronilla varia 494633-494634, 494693-494694
Corylus americana 495606
Cucumis sativus 494822
Cucumis sp. 494823-494825
Cucurbita maxima 494826-494843, 495833-495834
Cucurbita mixta 495835-495836
Cucurbita moschata 494844-494850,495837-495843,498429
Cucurbita pepo 495844-495867
Cucurbita sororia 494128
Cynosurus cristatus 494635
Dactylis glomerata 494636-494637,494695-494698,499409-499410,499583-499584,500002
Deschampsia cespitosa 494638
Desmodium heterocarpon 498425-498427
Dorycnium herbaceum 494639-494641
Elymus abolinii 499585-499587
Elymus arenarius 494699
Elymus brachyaristatus 499411
Elymus canadensis 499412
Elymus caninus 499413
Elymus cf. alatavicus 499588
Elymus cf. mutabilis 499589
Elymus cf. sibiricus 499590
Elymus cf. trachycaulus 499414
Elymus cf. tsukushiensis 499591
Elymus ciliaris 499415
Elymus dahuricus 499416-499446, 499592-499604
Elymus gmelinii 499447-499448, 499605-499610
Elymus mutabilis 499449
Elymus nutans 499450-499451, 499611-499612
Elymus semicostatus 499452
Elymus sibiricus 499453-499468, 499613-499620
Elymus sp. 495808-495811, 499469-499475,499621
Elymus strictus 499476-499478
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Elymus tsukushiensis 499482-499486,499622-499628
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Elytrigia strigosa 499493, 499637-499638
Eragrostis tef 494188-494495
Erianthus sp. 495623-495625
Euonymus atropurpurea 495607-495608
Fendlera rupicola 495888
Festuca arundinacea 499494, 499639
Festuca cf. arundinacea 499495
Festuca ovina 499640
Festuca pratensis 494700
Festuca rubra 494642-494643
Festuca valesiaca 494701
Forestiera neomexicana 495889
Fraxinus anomala 495890
Genista sagittalis 494644
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For space conservation and consistency in identifying locations, the following acronyms have been used in Plant Inventory No. 193:

CIMMYT - Centro Internacional de Mejoramiento de Maiz y Trigo (Mexico)

CSIRO - Commonwealth Scientific and Industrial Research Organization (Australia)

FAO - Food and Agriculture Organization of the United Nations

IBPGR - International Board for Plant Genetic Resources

ICRISAT - International Crops Research Institute for Semi-Arid Tropics (India)

USDA-ARS - U.S. Department of Agriculture-Agricultural Research Service

VIR - N.I. Vavilov Institute of Plant Industry (USSR)

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